

Third Grade

Summer

Reading, Writing and
Math Activities





Equal Opportunity Employer

PLEASANT VALLEY SCHOOL DISTRICT
PLEASANT VALLEY ELEMENTARY SCHOOL
476 Polk Township Road
Kunkletown, PA 18058
Telephone: (570) 402-1000 Ext. 6001 / FAX: (610) 681-3018



Home of the Bears

ROGER POMPOSELLO
Assistant Principal

ERICA L. GREER
Principal

VALERIE RUDAWSKI
Dean of Students

MISSION STATEMENT

The mission of the Pleasant Valley Elementary School is to inspire all students toward physical, intellectual, emotional, and social growth as life long learners.

June 2015

Dear Parent/ Guardian:

I am writing this letter to ask for your support over the summer months. As we transition into the summer break and begin to prepare for the 2015-2016 school year we are working to come up with new ideas to keep students interested in Math and Reading.

As you may have been hearing, we have purchased a few very exciting prizes for our students to win. The prizes include one IPAD Mini, two mountain bikes, two Lego sets and two \$50 gift cards. The I pad and gift cards were donated by the PVE PTO. Attached are activity coupons with Math and Reading questions on them in addition to a math summer packet. Students will have the opportunity to complete the coupons over the summer break. Upon return to school the students will be able to enter each coupon into a drawing for the prize or prizes of their choice.

Help us keep our students excited about school by supporting them as they participate in this exciting summer activity. Also don't forget to practice math facts regularly throughout the summer and spend time reading together. Thank you in advance for your support.

Yours in Education,

Erica L. Greer

Erica L. Greer
Principal

Dear PVE Parents, Guardians and Students,

Pleasant Valley Elementary School is committed to bringing unique learning opportunities to our students and we are pleased to introduce a free reading service providing digital books through OverDrive.

Why OverDrive?

The OverDrive collection is an extension of Pleasant Valley Elementary physical library, only it's online with 24/7 access to eBooks and audiobooks. It's convenient for students to check out titles anytime, anywhere with no worry about misplacing a book – these digital titles automatically return at the end of the lending period!

OverDrive can help students of all ages read more and improve comprehension. Struggling or reluctant readers, learning-challenged, second language learners, and gifted readers can all benefit from this service.

- Enrich vocabulary and improve comprehension and pronunciation
- Introduce students to books above their reading level
- Teach critical listening
- Help busy kids find time to read

How does it work?

To use OverDrive, students browse the secure website of titles, borrow with their student ID number, and enjoy on your computer, tablet, smartphone or eReader device.

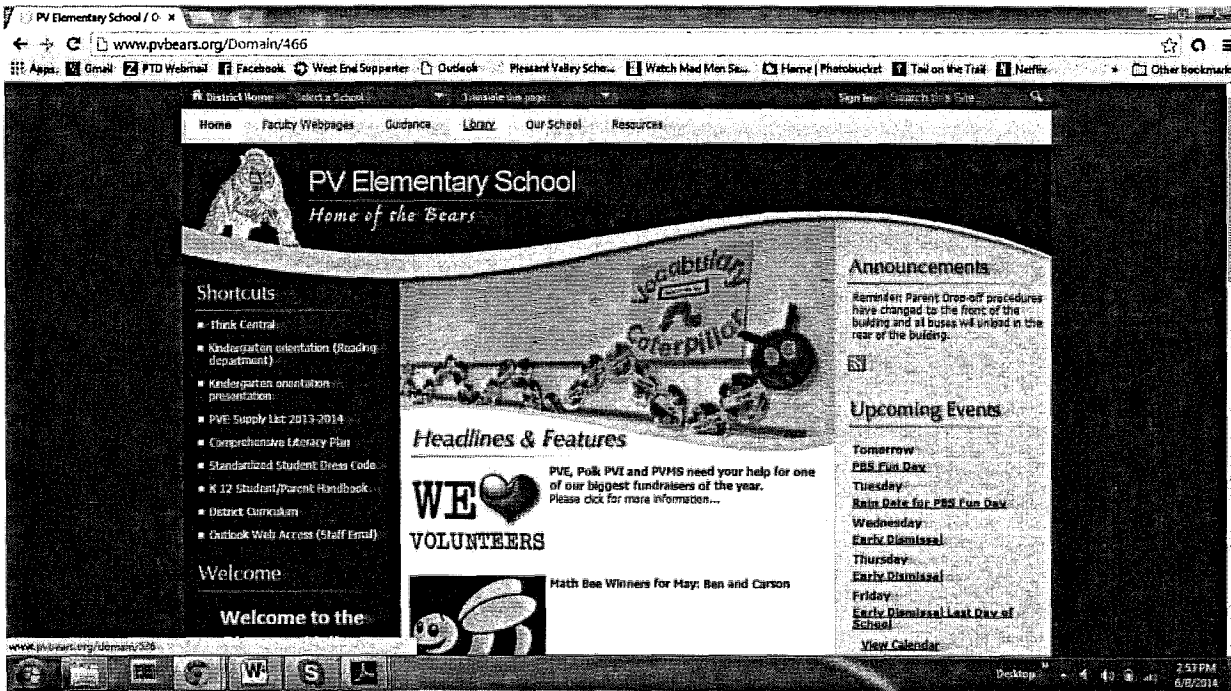
Whether a student's interest lies in the latest popular elementary fiction, study guides, or classics for required reading, they can find it all in the digital collection through OverDrive at the PVE Library website.

Where can I find more information?

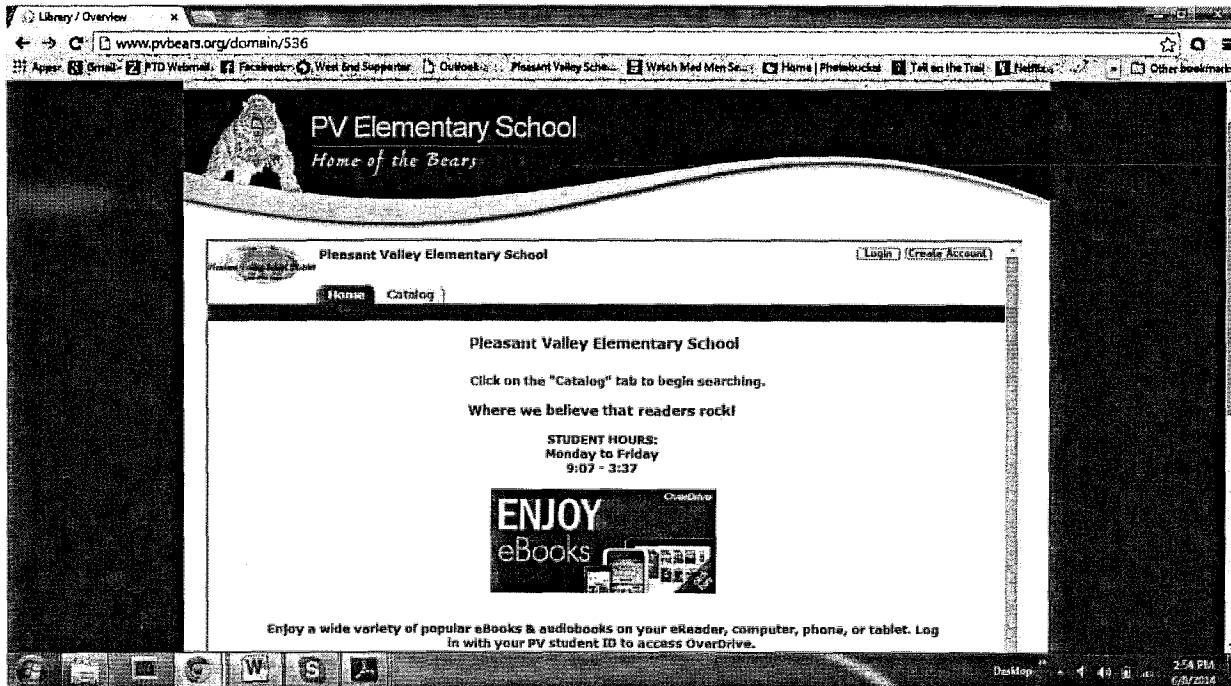
Go to the Pleasant Valley School District website. Select Pleasant Valley Elementary in the drop down box for select a school.



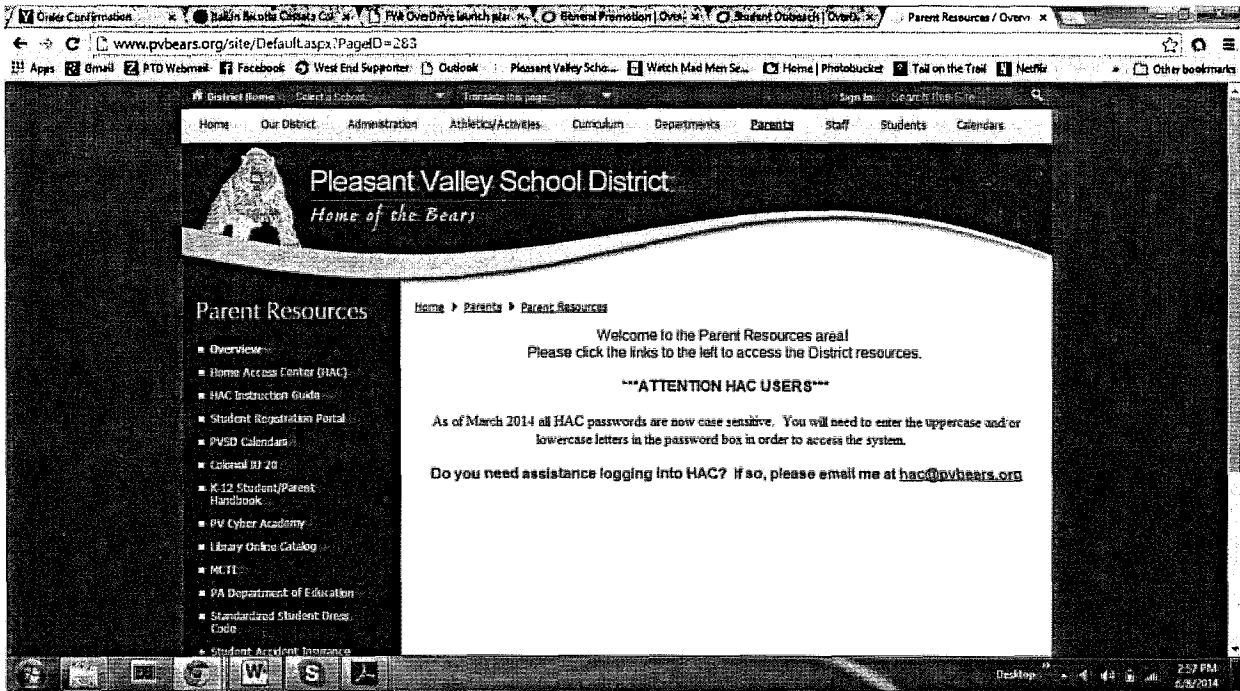
Click on Library in the grey bar near the top of the page.



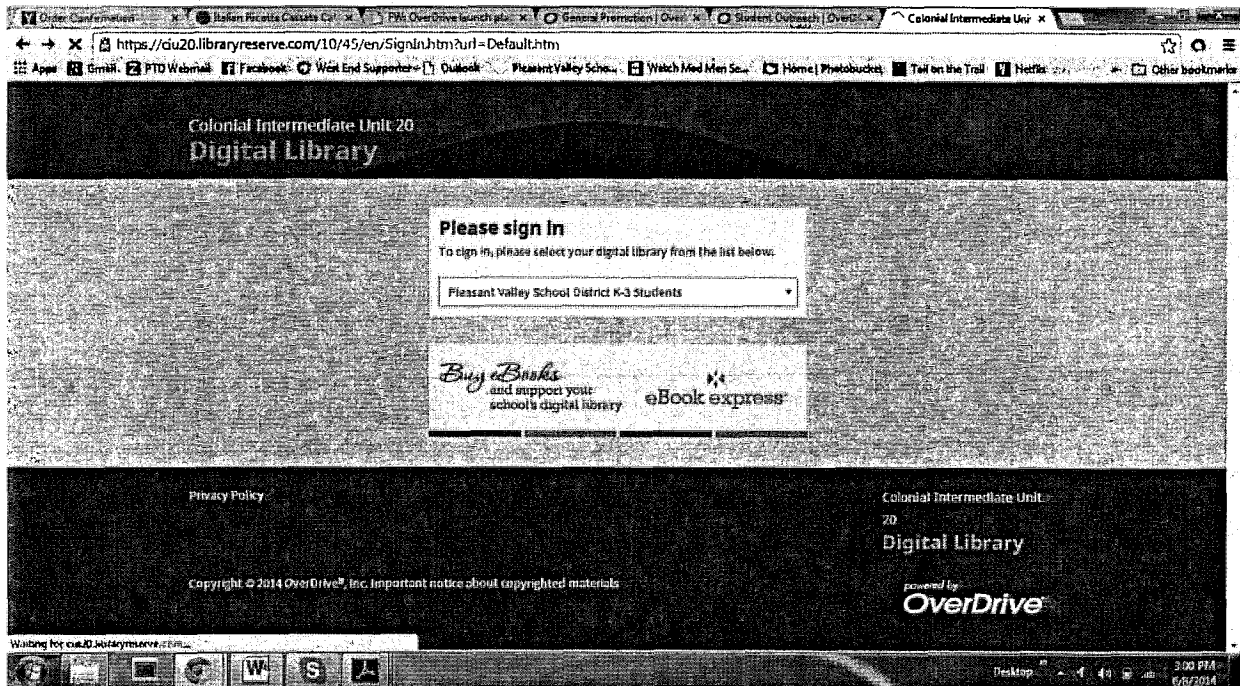
Click on the Overdrive Enjoy eBooks icon.



Select Pleasant Valley School District K-3 Students. Type in your student ID number and sign in!
Don't know your ID number? Go to the Home Access Center from the District's website.



Log in using your user name and password. Log in to HAC to access your student's ID Number. Once you have your ID number, go back to the Library website and log in to Overdrive.



Select Pleasant Valley School District K-3 Students. Type in Student ID number. Once you've logged in, begin searching for eBooks or audiobooks to borrow!

Sincerely,

Lorraine Cangialosi and Mary Keller

PVE School Librarians



at Western Pocono Community Library!

Children's Program Baby thru age 5 years old
Big Kids Program 6 and 7 year olds

Tuesday 10:30 am * Wednesday 1:00 pm *
Thursday 6:30 pm

Special guests with special programming to be announced.
Registration begins June 1st.

Week I	June 16/17/18	Our Nations Heroes
Week II	June 23/24/25	Animal Heroes
Week III	June 30 July 01/02	Heroes Through History
Week IV	July 07/08/09	Our Family Heroes!
Week V	July 14/15/16	Heroes in Science
Week VI	July 21/22/23	Heroes in Sports
Week VII	July 28/29/30	Our Community Heroes
Week VIII	August 04/05/06	Heroes Around the World
Week IX	August 11/12/13	Tall Tales / Mythological Heroes
Week X	August 19	There's a Hero Inside You

Western Pocono Community Library
131 Pilgrim Way Brodheadsville



at Western Pocono Community Library!

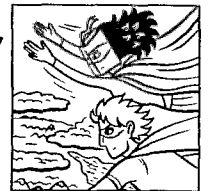
YA Program: Ages 8 thru 18 years old

Tuesday 10:30 am * Wednesday 1:00 pm *
Thursday 6:30 pm

Special guests with special programming to be announced.
Registration begins June 1st.

Week I	June 16/17/18	Our Nations Heroes
Week II	June 23/24/25	Animal Heroes
Week III	June 30 July 01/02	Heroes Through History
Week IV	July 07/08/09	Our Family Heroes!
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Western Pocono Community Library
131 Pilgrim Way Brodheadsville
570-992-7934



SUMMER READING CHALLENGE COUPONS

Directions: Complete the activity and fill out each coupon. Upon returning to school, each child will have the opportunity to enter their coupons into the drawing for the prize of their choice. (One iPad mini, two \$50 Visa gift cards, two bikes, and two Lego sets.)

Name: _____ Grade: _____

Activity #1: Read your Bear Words at least once per week this summer.

Have your parents/guardians sign here if you practiced _____

Name: _____ Grade: _____

Activity #2: Read any 3 books of your choice. Which book was your favorite and why? Were the plots of each story alike or different? Please write your response in a complete sentence on the back of this coupon.

Name: _____ Grade: _____

Activity #3: Learn a new word for each letter of the alphabet. Write the word for each letter and use the word in a sentence on the attached chart. Return to your 2015-2016 teacher for his or her signature on this coupon.

Teacher Signature: _____

Name: _____ Grade: _____

Activity #4: Take the PVE Bear on a trip. Write a paragraph about your trip and attach it to this coupon. Kindergarten and first grade students may write one complete sentence. Tell us: Where did you go? What did you do? What was your favorite part of the trip? What was your least favorite part?

Name: _____ Grade: _____

Activity #5: Did you attend the Summer Reading program at Western Pocono Community Library? Attach your Reading Log from the program to this coupon. (See attached flyer for program information)

Name: _____ Grade: _____

Activity #6: Please complete any portion of the Reading Summer Packet you received at the end of the school year and return it to your 2015-2016 school year teacher for his or her signature on this coupon.

Teacher Signature: _____

Letter	New Word	My Sentence
a		
b		
c		
d		
e		
f		
g		
h		
i		
j		

k		
l		
m		
n		
o		
p		
q		
r		
s		
t		
u		

v		
w		
x		
y		
z		

PV Bear Words

Grade 3

add	certain	feet	information
against	check	felt	instead
ago	circle	few	it's
alone	clean	field	its
along	cold	figure	language
already	common	fine	large
also	complete	form	later
although	couldn't	found	laugh
American	country	four	learn
among	course	front	left
animals	demand	full	less
another	didn't	government	letter
answer	different	ground	life
area	distance	group	line
around	drink	half	list
asked	early	happened	living
became	earth	hard	machine
began	eight	head	matter
being	either	heard	may
below	eleven	heavy	mean
best	energy	held	measure
better	English	high	might
body	ever	history	modern
bright	example	hold	moment
bring	eye	horse	money
brought	face	I'll	more
built	fall	idea	morning
called	family	important	most
center	famous	increase	mountain

move	read	themselves	
much	ready	therefore	
music	really	think	
myself	reason	those	
natural	remember	though	
near	river	thought	
need	sentence	thus	
never	serve	told	
next	seven	took	
nothing	several	toward	
notice	shall	travel	
number	short	tree	
numeral	show	true	
ocean	shown	understand	
off	side	United States	
often	since	usually	
old	small	voice	
open	soon	warm	
order	sound	water	
own	space	way	
page	speak	weather	
pattern	special	well	
people	square	whether	
perhaps	stand	while	
person	state	wide	
pick	still	wind	
picture	stood	words	
piece	study	yes	
plants	such	yet	
point	sure	young	
possible	surface	yourself	
probably	system		
problem	table		
products	teacher		

SUMMER MATH QUESTION COUPONS

Directions: Complete the activity and fill out each coupon. Upon return to school in August, each child will have the opportunity to enter their coupons into the drawing for the prize of his/her choice: one IPAD mini, two \$50 Visa gift cards, two Bikes, and two Lego sets

Name: _____ Grade: _____

Activity #1: Draw a pizza. Divide your pizza into equal parts so each member of your family has one slice. How many equal parts are there? What fraction represents how much pizza each person gets?

How many equal parts? _____ Fraction _____ / _____ Attach your pizza drawing to this coupon.

Name: _____ Grade: _____

Activity #2: Find as many numbers in your house as you can in 10 minutes (clock, calendar, in the newspaper, etc.) Extension: Put the numbers in order from greatest to least.

Answer: _____

Name: _____ Grade: _____

Activity #3: Using your toys, create addition and subtraction word problems. Attach your math stories and the number sentences that solve them to this coupon.

Name: _____ Grade: _____

Activity #4: Ask 10 people you know their favorite color. Use tally marks to record your data. Make a picture graph that displays the data you collected. Extension: Write 3 sentences about the data you collected. Attach your data, picture graph, and sentences to this coupon.

Name: _____ Grade: _____

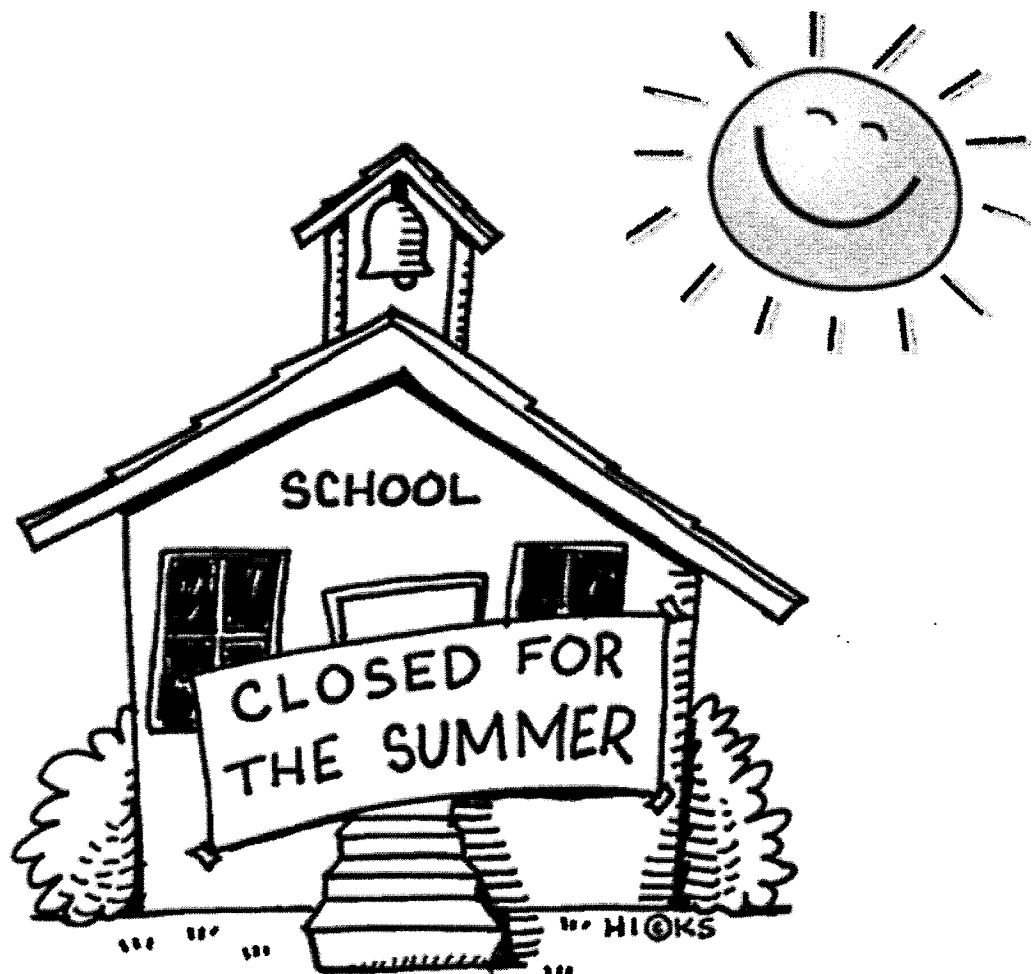
Activity #5: Make a 100 collection- Using a jar or plastic bag, collect 100 of an item (buttons, rubber bands, paper clips, pebbles, cereal, macaroni, dried beans, etc.) Divide the objects into groups of 2, 5, and 10. Practice counting by 2's, 5's, and 10's. Draw a picture to show one of the ways you grouped your 100 objects. Attach your drawing to this coupon.

Name: _____ Grade: _____

Activity #6: Please complete the Math Summer Packet your child received at the end of the school year and return it to your child's 2014-2015 school year teacher for their signature on this coupon.

Teacher Signature: _____

My Summer Math Packet



Grade 3

Name _____ 1

Master multiplication through 10×10 .

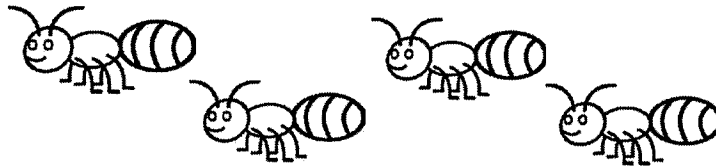
Goal: Solve all the problems correctly in under 2 minutes.

Directions: Have someone time you on the challenge below. Practice your multiplication flashcards and try the challenge again as you work through this packet.

$9 \times 9 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$	$7 \times 1 = \underline{\quad}$	$6 \times 1 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times 4 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$	$8 \times 7 = \underline{\quad}$	$9 \times 3 = \underline{\quad}$	$7 \times 2 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$7 \times 3 = \underline{\quad}$	$9 \times 7 = \underline{\quad}$	$8 \times 6 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$7 \times 4 = \underline{\quad}$	$9 \times 2 = \underline{\quad}$	$6 \times 3 = \underline{\quad}$	$9 \times 6 = \underline{\quad}$	$8 \times 5 = \underline{\quad}$
$9 \times 1 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$9 \times 5 = \underline{\quad}$
$8 \times 4 = \underline{\quad}$	$4 \times 3 = \underline{\quad}$	$7 \times 6 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$5 \times 3 = \underline{\quad}$
$4 \times 2 = \underline{\quad}$	$8 \times 3 = \underline{\quad}$	$5 \times 2 = \underline{\quad}$	$4 \times 1 = \underline{\quad}$	$6 \times 6 = \underline{\quad}$
$7 \times 7 = \underline{\quad}$	$5 \times 1 = \underline{\quad}$	$8 \times 2 = \underline{\quad}$	$3 \times 3 = \underline{\quad}$	$8 \times 1 = \underline{\quad}$

How many problems did you solve correctly in 2 minutes? _____

*Counters for this activity can be pennies, macaroni, bingo chips, paper clips, etc.



Ant Antics

Use 24 counters to stand for ants. Form the ants into the patterns below. Draw a picture of each solution.

1. One solid rectangle, with three equal rows of ants

2. One solid rectangle, with four equal rows of ants

3. Two solid rectangles, each exactly the same size

4. Six small squares, with the same number of ants in each square

5. One hollow rectangle, with nine ants on each long side and five ants on each short side

6. One hollow triangle, with the same number of ants on each side

7. Four small triangles, with the same number of ants in each triangle

8. Three solid triangles—one with three ants, one with six ants and one with 15 ants

 Make your own shape. Then describe your shape.

Fill in the blanks.

Multiplication With Factors From 6 to 9

Day at the Beach



_____ ,
(name of a boy or girl)

_____ , and
(name of a boy or girl)

_____ went to
(name of a boy or girl)

_____ Beach. They brought _____
(noun) (number greater than 1)

umbrellas and _____ beach blankets. They also
(number greater than 1)

had _____ buckets to collect shells. They found shells
(number from 6 to 9)

shaped like _____ and shells that looked like
(plural noun)

_____. Altogether, they had _____ shells
(plural noun) (number from 6 to 9)

in each bucket. After collecting shells, it was time for a snack. Everyone
enjoyed _____ and some ice-cold _____.
(type of food, plural) (type of liquid)

It was a very _____ day at the beach!
(adjective)

Questions:

How many umbrellas and beach blankets did they bring? _____

How many shells did they have in all? _____

Practice your addition facts.

$$\begin{array}{r} 10 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

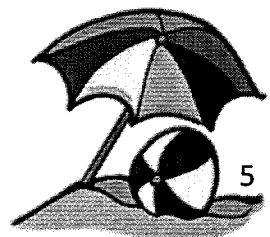
$$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

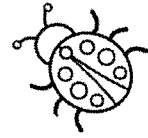
$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 10 \\ \hline \end{array}$$



Practice your subtraction facts.



$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$
--	---	---	---	---	--

$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$
---	--	---	---	---	---



$\begin{array}{r} 8 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$
---	---	---	--	---	---

$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$
--	--	--	--	---	---



$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$
--	---	---	---	---	--

$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$
---	--	---	---	---	--



$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ - 0 \\ \hline \end{array}$
--	---	--	--	---	---



Add and subtract as you follow the paths. Put your final answers at each finish line.

Take a Hike!

START

10

-3

+5

-4

+8

-2

+6

-3

+7

+10

-9

+9

+4

-5

-13

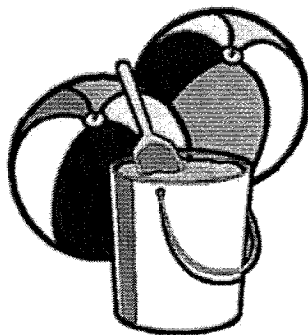
FINISH **FINISH** **FINISH** **FINISH** **FINISH**

Round to the nearest ten above and below, and circle the rounded number that is closest to the given number.

- | | | | | | | | |
|-----|-----------|----|-----------|------|------------|-----|------------|
| 1) | <u>70</u> | 74 | <u>80</u> | 6) | <u>540</u> | 548 | <u>550</u> |
| 2) | _____ | 41 | _____ | 7) | _____ | 322 | _____ |
| 3) | _____ | 62 | _____ | 8) | _____ | 548 | _____ |
| 4) | _____ | 47 | _____ | 9) | _____ | 599 | _____ |
| 5) | _____ | 97 | _____ | 10) | _____ | 148 | _____ |

Round to the nearest hundred above and below, and circle the rounded number that is closest to the given number.

- | | | | | | | | |
|-----|------------|-----|------------|------|-------|-----|-------|
| 1) | <u>400</u> | 431 | <u>500</u> | 6) | _____ | 645 | _____ |
| 2) | _____ | 811 | _____ | 7) | _____ | 416 | _____ |
| 3) | _____ | 656 | _____ | 8) | _____ | 956 | _____ |
| 4) | _____ | 735 | _____ | 9) | _____ | 618 | _____ |
| 5) | _____ | 812 | _____ | 10) | _____ | 389 | _____ |



Estimate the difference by rounding each number to the nearest ten.

$$\begin{array}{r} 1) \quad 64 \longrightarrow \\ - 53 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 4) \quad 84 \longrightarrow \\ - 34 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 2) \quad 45 \longrightarrow \\ + 44 \longrightarrow \end{array} \quad + \underline{\quad}$$

$$\begin{array}{r} 5) \quad 51 \longrightarrow \\ - 15 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 3) \quad 92 \longrightarrow \\ + 81 \longrightarrow \end{array} \quad + \underline{\quad}$$

$$\begin{array}{r} 6) \quad 34 \longrightarrow \\ 23 \longrightarrow \end{array} \quad + \underline{\quad}$$



Estimate the sum or difference by rounding each number to the nearest hundreds.

$$\begin{array}{r} 1) \quad 546 \longrightarrow \\ + 722 \longrightarrow \end{array} \quad + \underline{\quad}$$

$$\begin{array}{r} 3) \quad 812 \longrightarrow \\ - 278 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 2) \quad 923 \longrightarrow \\ - 653 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 4) \quad 172 \longrightarrow \\ + 281 \longrightarrow \end{array} \quad + \underline{\quad}$$

$$\begin{array}{r} 3) \quad 812 \longrightarrow \\ - 278 \longrightarrow \end{array} \quad - \underline{\quad}$$

$$\begin{array}{r} 5) \quad 667 \longrightarrow \\ + 557 \longrightarrow \end{array} \quad + \underline{\quad}$$

Let's try multiplication again.

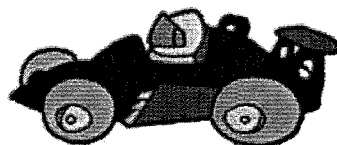
Goal: Solve all the problems correctly in under 2 minutes.

Directions: Have someone time you on the challenge below. Practice your multiplication flashcards and try the challenge again as you work through this packet.

$9 \times 9 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$	$7 \times 1 = \underline{\quad}$	$6 \times 1 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times 4 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$	$8 \times 7 = \underline{\quad}$	$9 \times 3 = \underline{\quad}$	$7 \times 2 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$7 \times 3 = \underline{\quad}$	$9 \times 7 = \underline{\quad}$	$8 \times 6 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$7 \times 4 = \underline{\quad}$	$9 \times 2 = \underline{\quad}$	$6 \times 3 = \underline{\quad}$	$9 \times 6 = \underline{\quad}$	$8 \times 5 = \underline{\quad}$
$9 \times 1 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$9 \times 5 = \underline{\quad}$
$8 \times 4 = \underline{\quad}$	$4 \times 3 = \underline{\quad}$	$7 \times 6 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$5 \times 3 = \underline{\quad}$
$4 \times 2 = \underline{\quad}$	$8 \times 3 = \underline{\quad}$	$5 \times 2 = \underline{\quad}$	$4 \times 1 = \underline{\quad}$	$6 \times 6 = \underline{\quad}$
$7 \times 7 = \underline{\quad}$	$5 \times 1 = \underline{\quad}$	$8 \times 2 = \underline{\quad}$	$3 \times 3 = \underline{\quad}$	$8 \times 1 = \underline{\quad}$

How many problems did you solve correctly in 2 minutes? _____

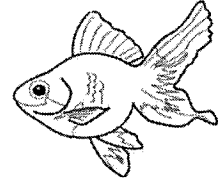
Solve by decomposing numbers to make tens.
Fill in the boxes.



1.	$ \begin{array}{r} 34 \\ +17 \\ \hline \end{array} \rightarrow 34 - 3 \rightarrow 31 $ $ \begin{array}{r} 17 + 3 \rightarrow 20 \\ \hline \end{array} $ <div style="text-align: right; margin-top: 10px;"> <input style="width: 60px; height: 25px; border: 1px solid black;" type="text"/> </div>
2.	$ \begin{array}{r} 67 \\ -29 \\ \hline \end{array} \rightarrow 67 - 1 \rightarrow \boxed{} $ $ \begin{array}{r} 29 + 1 \rightarrow 30 \\ \hline \end{array} $ <div style="text-align: right; margin-top: 10px;"> <input style="width: 60px; height: 25px; border: 1px solid black;" type="text"/> </div>
3.	$ \begin{array}{r} 48 \\ +23 \\ \hline \end{array} \rightarrow 48 + \boxed{} \rightarrow 50 $ $ \begin{array}{r} 23 - \boxed{} \rightarrow 21 \\ \hline \end{array} $ <div style="text-align: right; margin-top: 10px;"> <input style="width: 60px; height: 25px; border: 1px solid black;" type="text"/> </div>
4.	$ \begin{array}{r} 74 \\ -36 \\ \hline \end{array} \rightarrow 74 - \boxed{} \rightarrow 70 $ $ \begin{array}{r} 36 + \boxed{} \rightarrow 40 \\ \hline \end{array} $ <div style="text-align: right; margin-top: 10px;"> <input style="width: 60px; height: 25px; border: 1px solid black;" type="text"/> </div>
5.	$ \begin{array}{r} 57 \\ +35 \\ \hline \end{array} \rightarrow 57 + \boxed{} \rightarrow \boxed{} $ $ \begin{array}{r} 35 - \boxed{} \rightarrow 30 \\ \hline \end{array} $ <div style="text-align: right; margin-top: 10px;"> <input style="width: 60px; height: 25px; border: 1px solid black;" type="text"/> </div>

Find the sum.

Don't forget to regroup!



$$\begin{array}{r} 559 \\ + 328 \\ \hline \end{array}$$

$$\begin{array}{r} 748 \\ + 461 \\ \hline \end{array}$$

$$\begin{array}{r} 881 \\ + 426 \\ \hline \end{array}$$

$$\begin{array}{r} 681 \\ + 758 \\ \hline \end{array}$$

$$\begin{array}{r} 718 \\ + 542 \\ \hline \end{array}$$

$$\begin{array}{r} 891 \\ + 772 \\ \hline \end{array}$$

$$\begin{array}{r} 608 \\ + 958 \\ \hline \end{array}$$

$$\begin{array}{r} 437 \\ + 678 \\ \hline \end{array}$$

$$\begin{array}{r} 645 \\ + 468 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ + 294 \\ \hline \end{array}$$

Find the difference.

$$\begin{array}{r} 552 \\ - 146 \\ \hline \end{array}$$

$$\begin{array}{r} 488 \\ - 117 \\ \hline \end{array}$$

$$\begin{array}{r} 370 \\ - 140 \\ \hline \end{array}$$

$$\begin{array}{r} 675 \\ - 354 \\ \hline \end{array}$$

$$\begin{array}{r} 622 \\ - 453 \\ \hline \end{array}$$

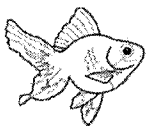
$$\begin{array}{r} 490 \\ - 454 \\ \hline \end{array}$$

$$\begin{array}{r} 984 \\ - 456 \\ \hline \end{array}$$

$$\begin{array}{r} 587 \\ - 107 \\ \hline \end{array}$$

$$\begin{array}{r} 847 \\ - 464 \\ \hline \end{array}$$

$$\begin{array}{r} 906 \\ - 210 \\ \hline \end{array}$$



More on the floor ...
Go next door.

Oops! A messy math student spilled jelly all over these math problems! Can you figure out which numbers are hidden?

A.
$$\begin{array}{r} \cdot \quad 16 \quad \cdot \\ + \quad \text{[jelly]} \\ \hline 26 \end{array}$$

B.
$$\begin{array}{r} 2 \quad \text{[jelly]} \\ - \quad \text{[jelly]}4 \\ \hline 14 \end{array}$$

C.
$$\begin{array}{r} \text{[jelly]}2 \\ + 6 \text{[jelly]} \\ \hline 119 \end{array}$$

D.
$$\begin{array}{r} \text{[jelly]}5 \text{[jelly]} \\ - 1 \text{[jelly]}3 \\ \hline 253 \end{array}$$

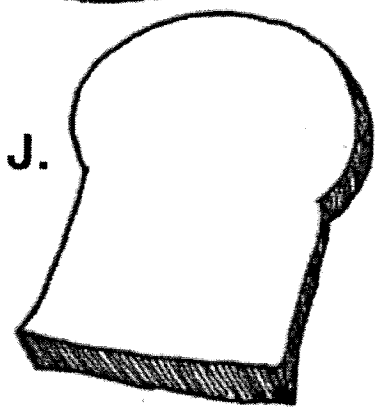
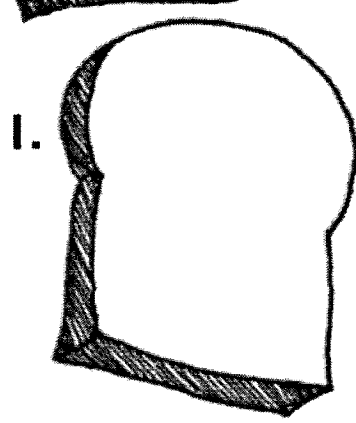
E.
$$\begin{array}{r} \text{[jelly]}9 \text{[jelly]} \\ + 2 \text{[jelly]} \\ \hline 105 \end{array}$$

F.
$$\begin{array}{r} 32 \\ - 1 \text{[jelly]} \\ \hline 18 \end{array}$$





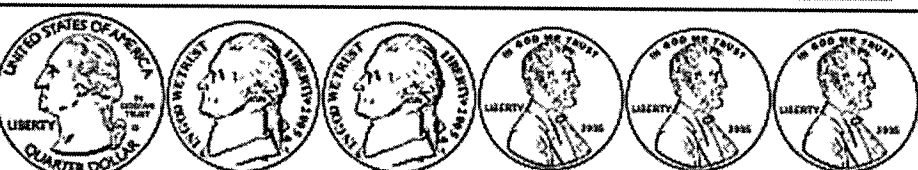
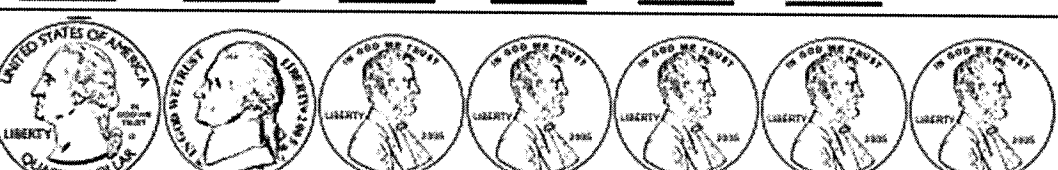
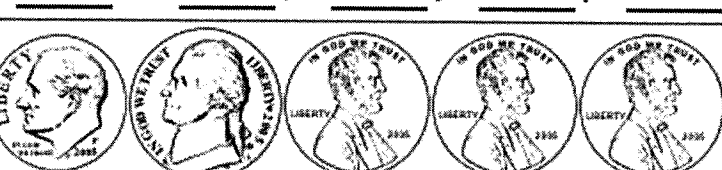
G.
$$\begin{array}{r} 3 \text{[jelly]} \\ + 22 \\ \hline \text{[jelly]}0 \end{array}$$

H.
$$\begin{array}{r} 8 \text{[jelly]} \\ - \text{[jelly]}5 \\ \hline 29 \end{array}$$

→→→ Make one messy addition and one messy subtraction of your own. Challenge a friend to solve them.



Count the change.

1)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
2)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
3)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
4)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
5)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
6)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____
7)		Total
	_____ ¢ _____ ¢ _____ ¢ _____ ¢ _____ ¢	_____

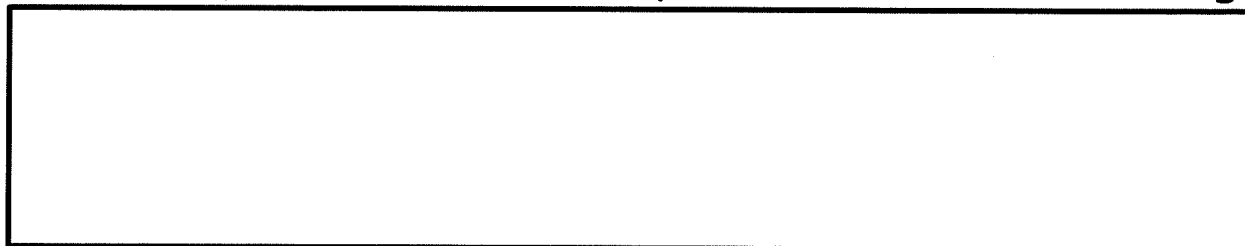
Let's go out to lunch!

SANDWICHES AND MORE		SIDE ORDERS	
Hamburger	\$1.75	French Fries	\$0.75
with cheese	\$0.10 extra	Potato Chips	\$0.45
Hot Dog	\$1.25	Garden Salad	\$1.10
Peanut Butter and Jelly	\$1.05	Carrot Sticks	\$0.65
Bean Burrito	\$1.95		
Turkey Burger	\$1.55	DRINKS	
Spaghetti and Meatballs	\$2.15	Milk	\$0.65
Tuna	\$1.45	Soda	\$0.65
Grilled Cheese	\$1.65	Orange or Apple Juice	\$0.70
Mini-Pizza	\$2.10	Lemonade	\$0.55
		DESSERTS	
Ice Cream Sundae	\$2.25	Brownie	\$0.95
Fruit Salad	\$1.55	Chocolate Chip Cookies (2) ...	\$0.85

1. How much is a hot dog and a milk? _____
2. How much is a grilled cheese, French fries, and a soda?

3. How much is a mini-pizza, brownie, and a lemonade? _____
4. If you paid for question 3 with a \$5.00 bill how much change should you get back? _____

Draw the possible bills/coins you could receive as change.



Use the tally chart to answer the questions complete the bar graph below.

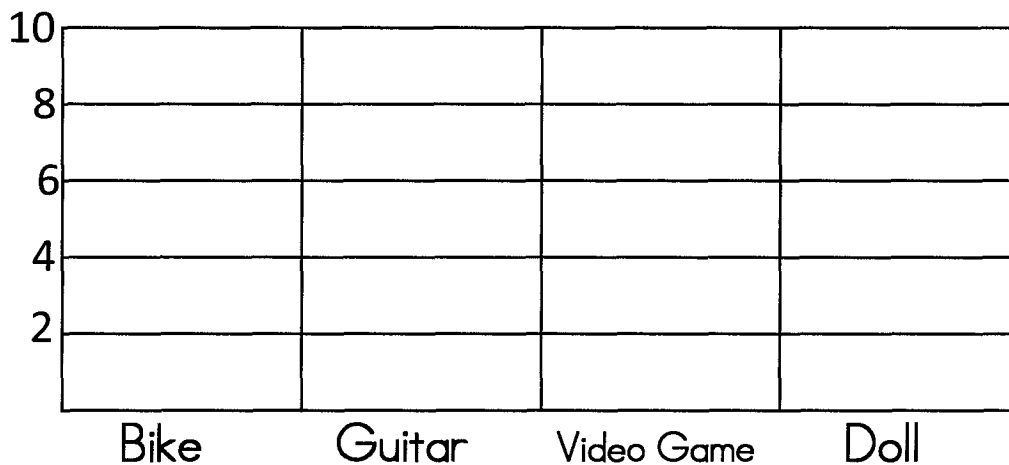
Jacob asked his friends what their favorite toy was. He made the tally chart below.



Favorite Toy	
Bike	
Guitar	
Video Game	
Doll	



Shade in the bar graph using the tally chart data.



1. How many people chose bike as their favorite toy? _____
2. What toy got the most votes? _____
3. How many people chose doll and guitar? _____
4. How many more people chose video game than bike? _____
5. How many people in all answered the survey? _____

Let's try multiplication again.

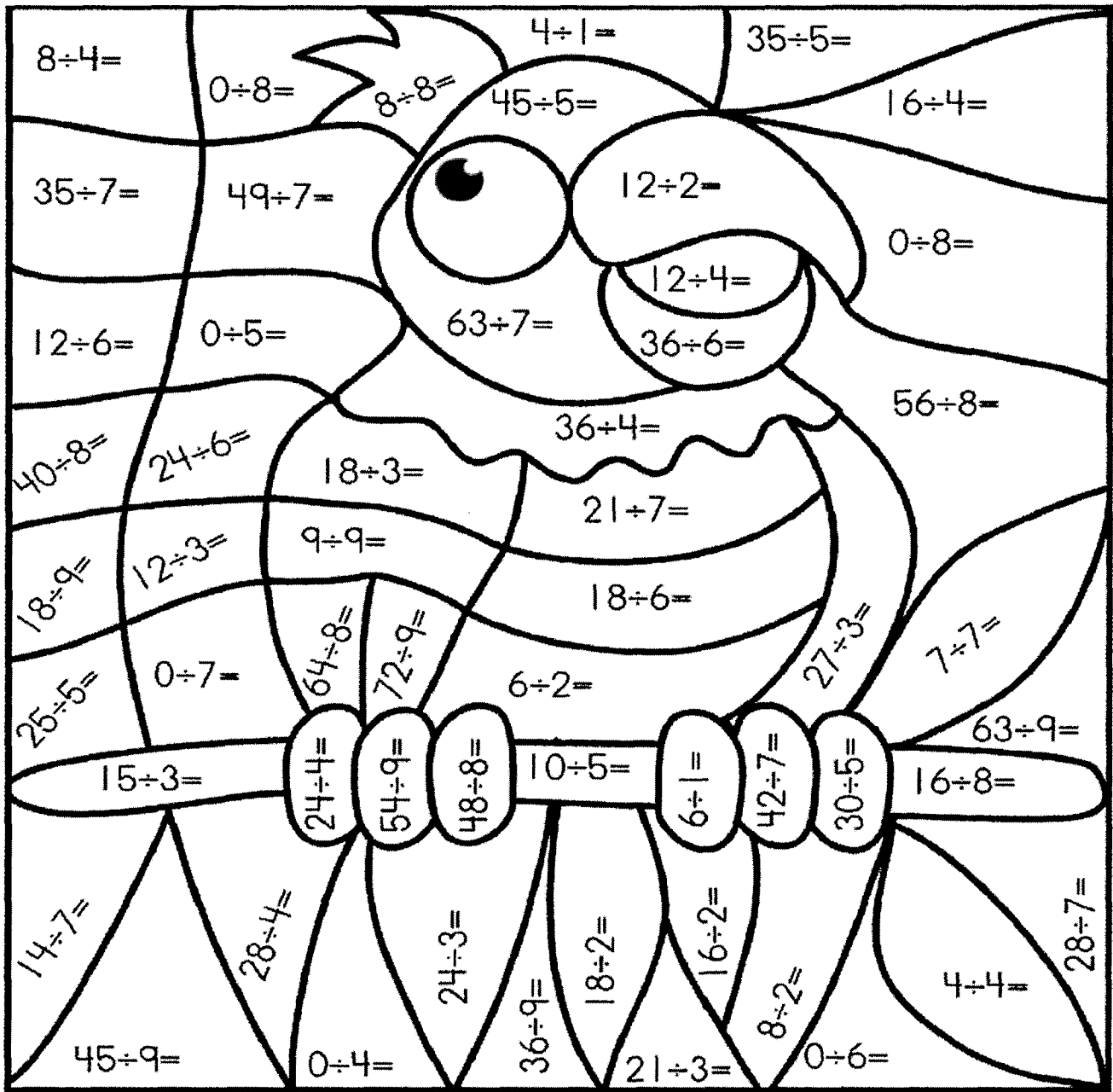
Goal: Solve all the problems correctly in under 2 minutes.


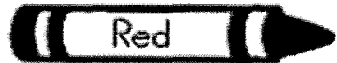


Directions: Have someone time you on the challenge below. Practice your multiplication flashcards and try the challenge again as you work through this packet.

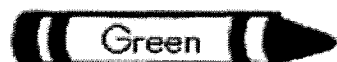
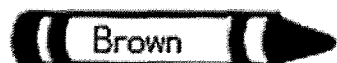

$9 \times 9 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$	$7 \times 1 = \underline{\quad}$	$6 \times 1 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times 4 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$	$8 \times 7 = \underline{\quad}$	$9 \times 3 = \underline{\quad}$	$7 \times 2 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$7 \times 3 = \underline{\quad}$	$9 \times 7 = \underline{\quad}$	$8 \times 6 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$7 \times 4 = \underline{\quad}$	$9 \times 2 = \underline{\quad}$	$6 \times 3 = \underline{\quad}$	$9 \times 6 = \underline{\quad}$	$8 \times 5 = \underline{\quad}$
$9 \times 1 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$9 \times 5 = \underline{\quad}$
$8 \times 4 = \underline{\quad}$	$4 \times 3 = \underline{\quad}$	$7 \times 6 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$5 \times 3 = \underline{\quad}$
$4 \times 2 = \underline{\quad}$	$8 \times 3 = \underline{\quad}$	$5 \times 2 = \underline{\quad}$	$4 \times 1 = \underline{\quad}$	$6 \times 6 = \underline{\quad}$
$7 \times 7 = \underline{\quad}$	$5 \times 1 = \underline{\quad}$	$8 \times 2 = \underline{\quad}$	$3 \times 3 = \underline{\quad}$	$8 \times 1 = \underline{\quad}$

How many problems did you solve correctly in 2 minutes?

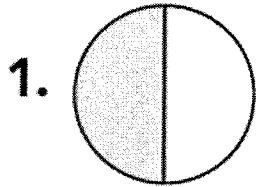
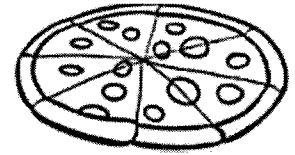
Write the quotient for each problem.
Then color according to the key at the bottom.

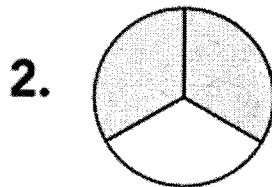


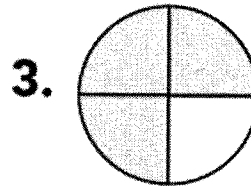
-  Blue 0, 4, 7
-  Red 3
-  Yellow 6
-  Violet 8

-  Green 1
-  Brown 2, 5
-  Pink 9

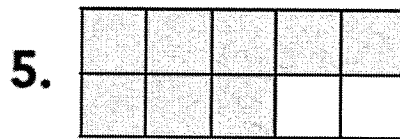
What fraction of the shape is shaded?

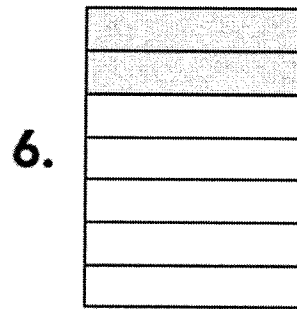












Compare the fractions. Use < or >.

1. $\frac{1}{4}$ $\frac{1}{5}$

2. $\frac{4}{6}$ $\frac{3}{4}$

3. $\frac{1}{4}$ $\frac{3}{8}$

4. $\frac{3}{6}$ $\frac{1}{3}$

5. $\frac{2}{8}$ $\frac{2}{4}$

6. $\frac{1}{2}$ $\frac{1}{3}$

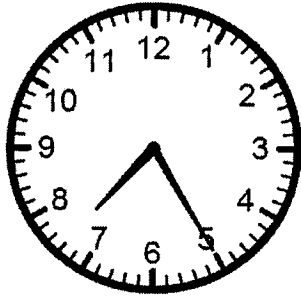
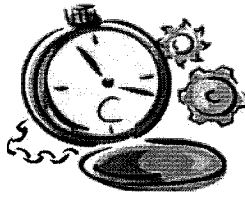
7. $\frac{2}{10}$ $\frac{3}{5}$

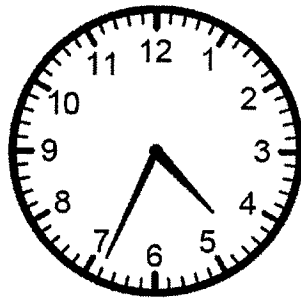
8. $\frac{1}{4}$ $\frac{5}{8}$

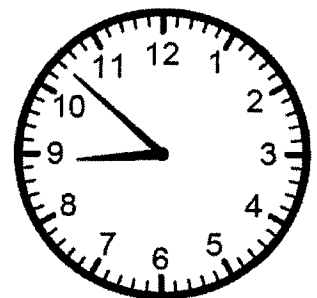
9. $\frac{1}{5}$ $\frac{1}{3}$

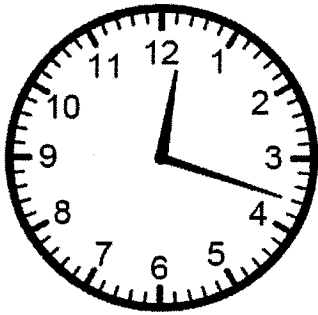
10. $\frac{1}{6}$ $\frac{2}{9}$

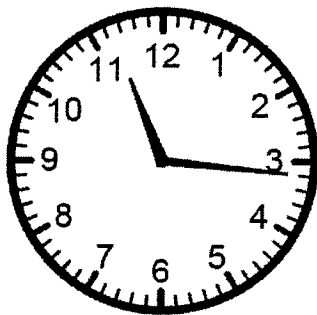
What time is it?

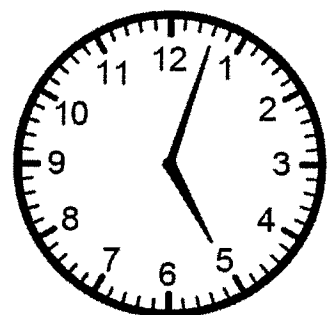


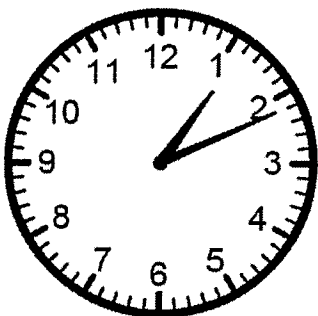


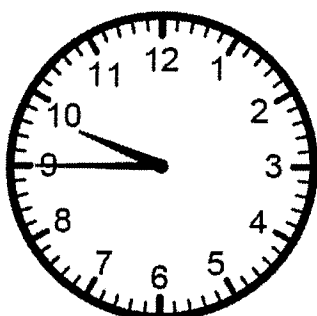


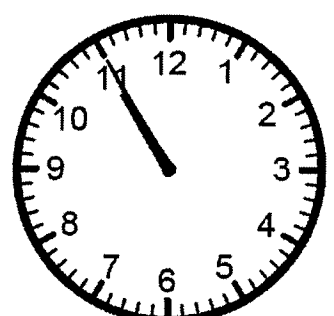




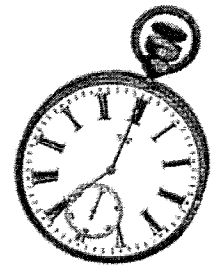








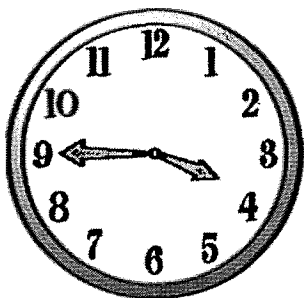
Time for a Riddle!



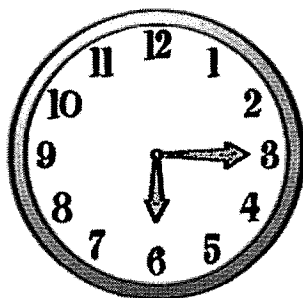
Read the riddle. To find the answer, find the clockface that matches the time written under each blank line. Then write the letter under that clockface on the blank line.

Riddle: What did the little hand on the clock say to the big hand?

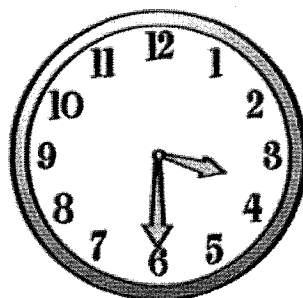
Answer: " _____ 10:00 3:30 3:30 6:05 2:25 3:45 6:15
 _____ 4:45 6:05 2:55 3:45 3:45 2:55 "



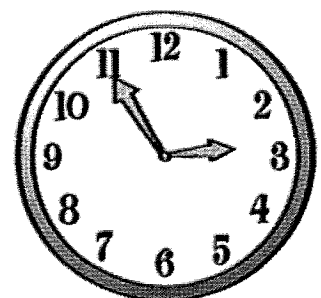
O



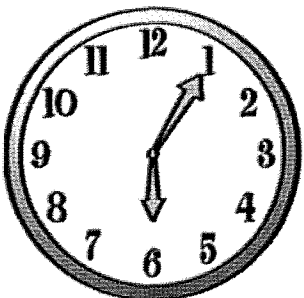
U



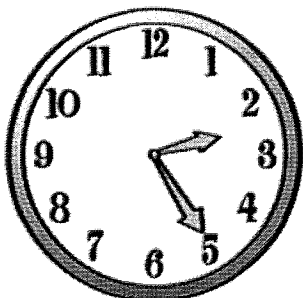
E



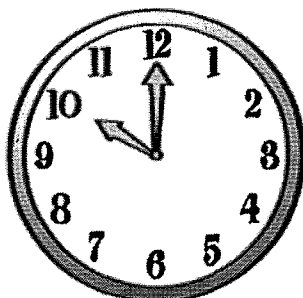
N



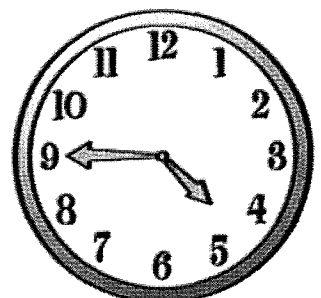
T



Y

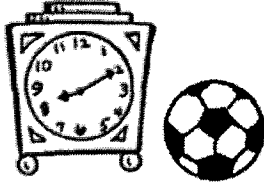
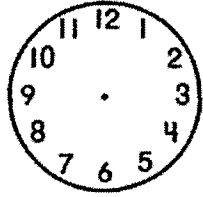
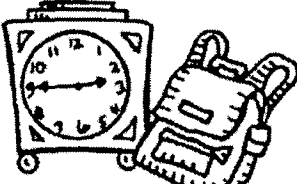
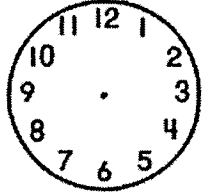
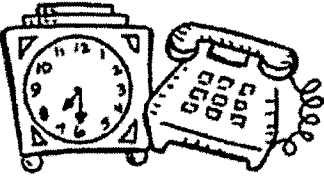
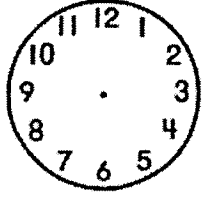
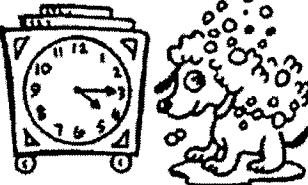
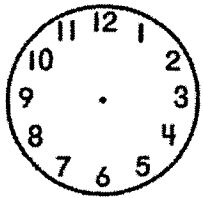
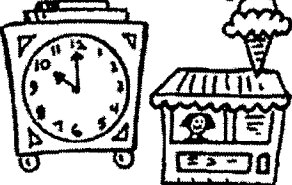
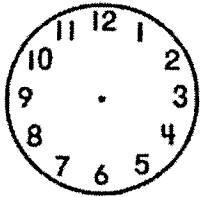
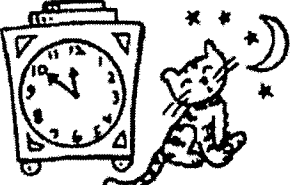
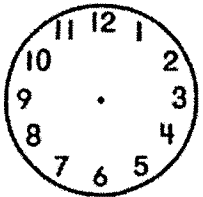


M



A

Look at the time on each clock. Then read and solve the problem. Write your answer on the lines. Then draw hands on the blank clock to show that time.

1		<p>It takes Jennie 20 minutes to get to soccer practice.</p> <p>What time will she get there? _____:_____</p>	
2		<p>Parker's mom picks him up after school. School ends in 30 minutes.</p> <p>What time will she pick him up? _____:_____</p>	
3		<p>Kyra talks on the phone for 15 minutes each night.</p> <p>What time will her phone call end? _____:_____</p>	
4		<p>Milo gets washed every Tuesday for 45 minutes.</p> <p>What time will his bath end? _____:_____</p>	
5		<p>Terrance works $1\frac{1}{2}$ hours every Saturday.</p> <p>What time will he go home? _____:_____</p>	
6		<p>Every night, Sasha sings to the moon for 25 minutes.</p> <p>What time will she stop singing? _____:_____</p>	

Measurement

U.S. Customary

Metric

Length

Inch (in.)

12 inches = 1 foot (ft.)

3 feet = 1 yard (yd.)

Length

centimeter (cm)

100 centimeters = 1 meter (m)

Weight

ounce (oz.)

16 ounces = 1 pound (lb.)

Weight

gram (g)

1,000 grams = 1 kilogram (kg)

Liquid

fluid ounce (fl. oz.)

8 fluid ounces = 1 cup (c.)

2 cups = 1 pint (pt.)

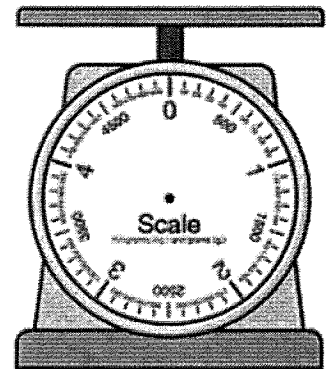
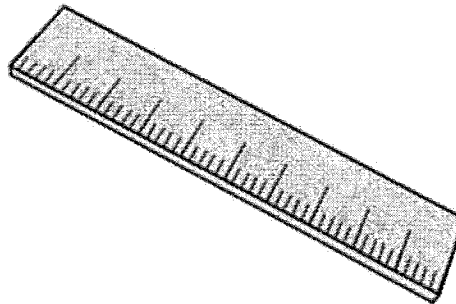
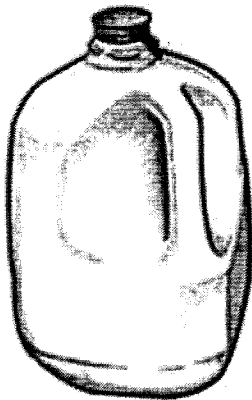
2 pints = 1 quart (qt.)

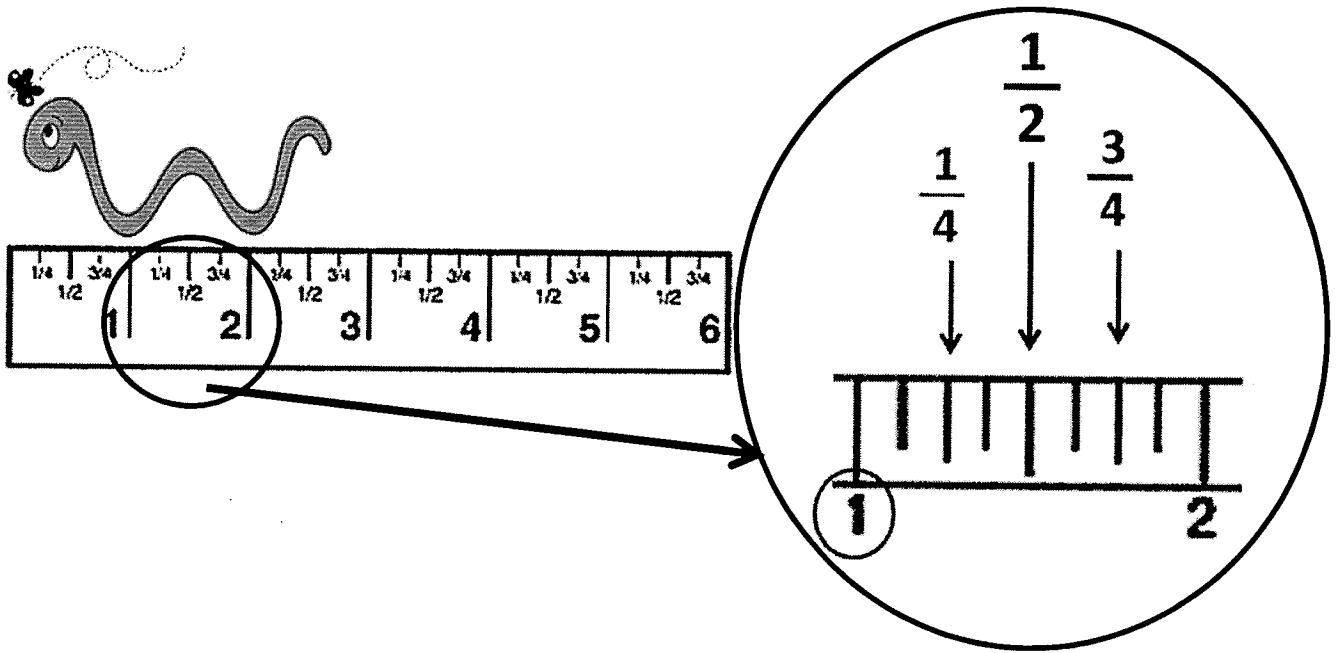
4 quarts = 1 gallon (gal.)

Liquid

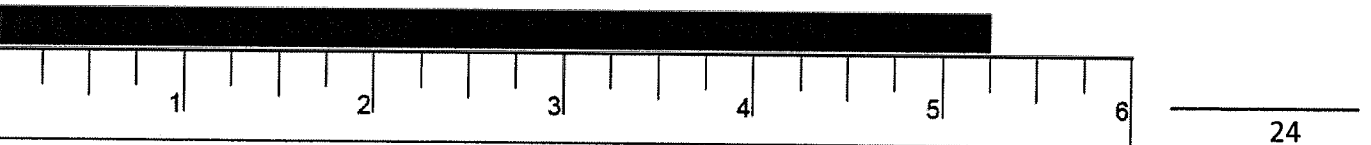
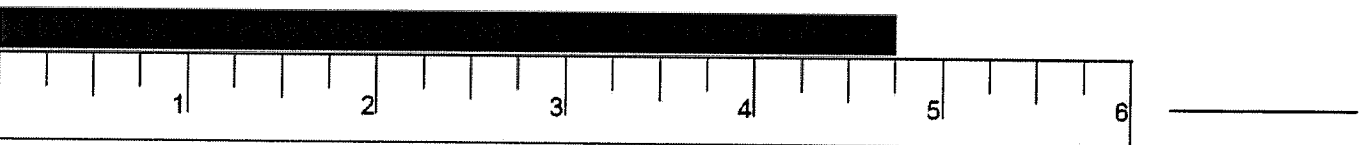
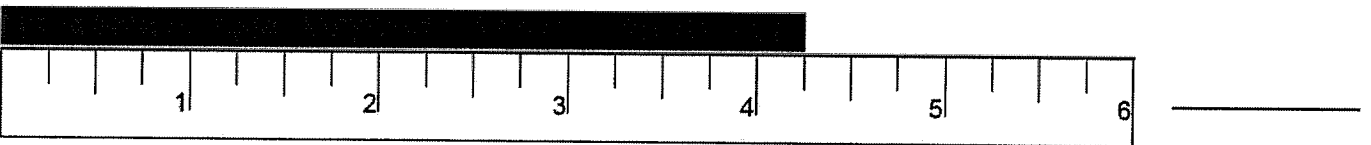
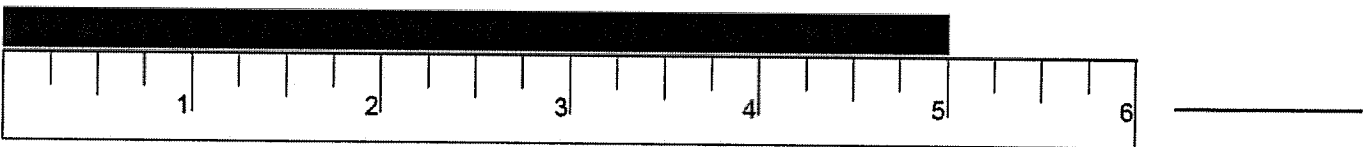
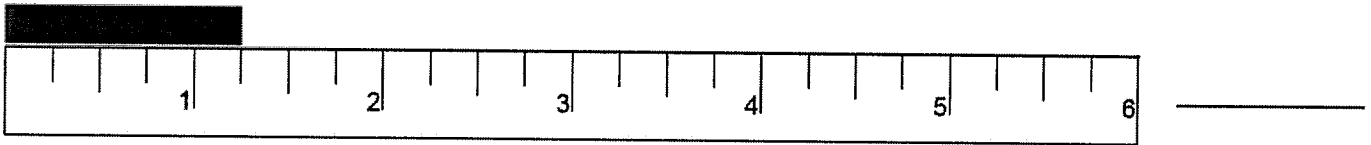
milliliter (ml)

1,000 milliliters = 1 liter (l)





Use the ruler to measure to the nearest $\frac{1}{4}$ inch.



Select the appropriate unit of length.

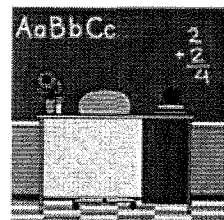
1. Height of a two story home

- A. 12 inches
- B. 12 feet
- C. 12 yards
- D. 12 miles



3. Length of a classroom.

- A. 24 inches
- B. 24 feet
- C. 24 yards
- D. 24 miles



2. Height of a can of soda

- A. 4 inches
- B. 4 feet
- C. 4 yards
- D. 4 miles



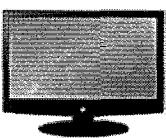
4. Distance from New York City to Los Angeles

- A. 2,448 inches
- B. 2,448 feet
- C. 2,448 yards
- D. 2,448 miles



Circle the appropriate unit of weight/mass.

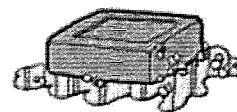
1. A large television



pounds

ounces

3. A bar of soap



pounds

ounces

2. A desk stapler



pounds

ounces

4. A set of encyclopedias

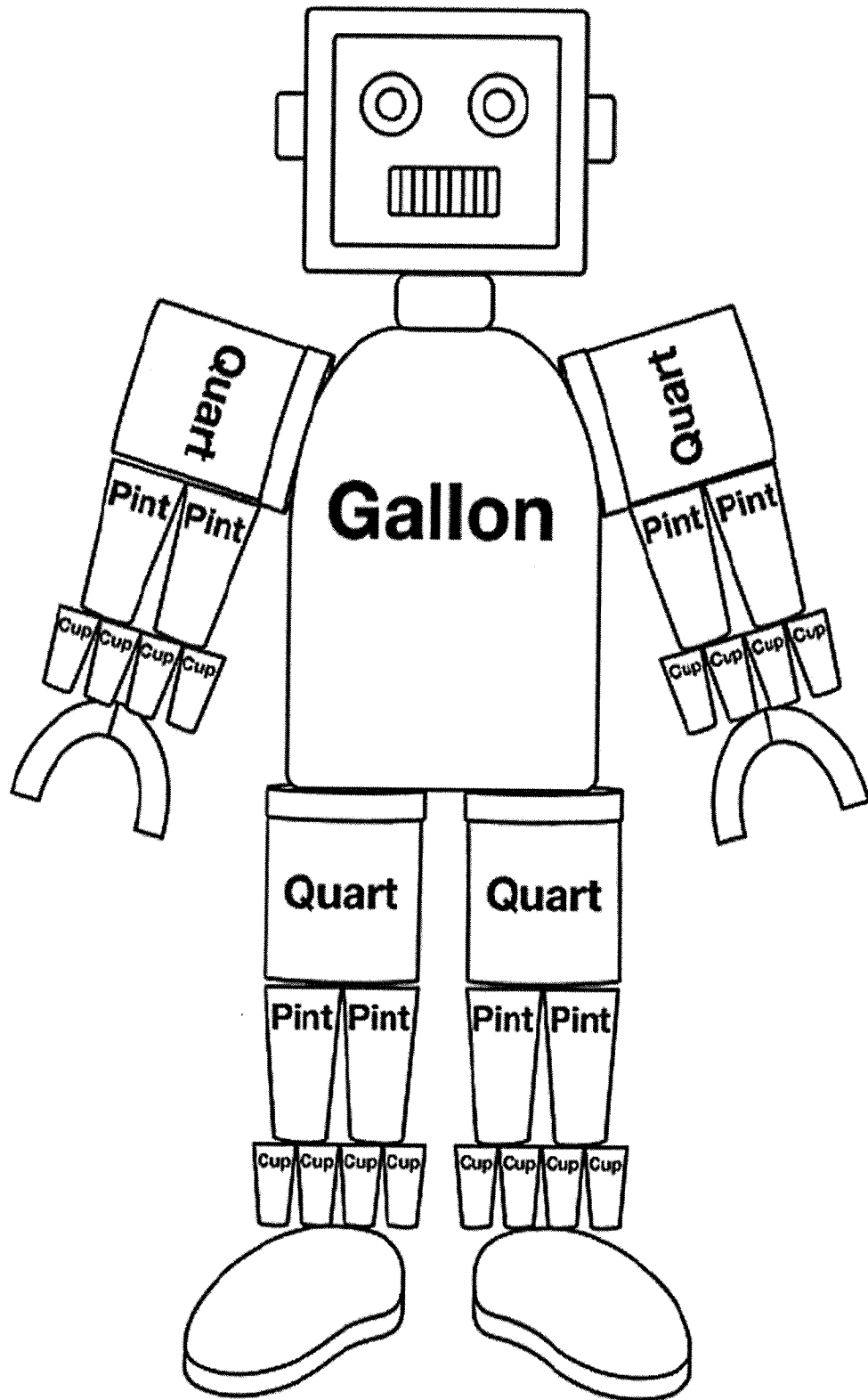


pounds

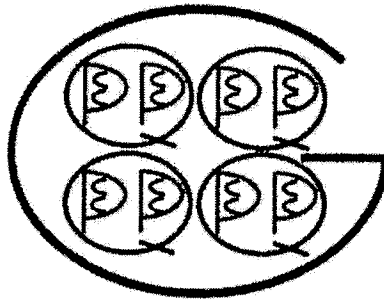
ounces

Color GallonBot as follows:

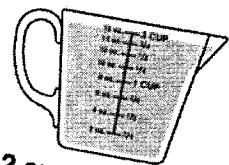
gallons - red quarts - green pints - blue cups - purple



Use the graphic below to answer the questions.




- a. How many quarts are in a gallon? _____
- b. How many pints are in a gallon? _____
- c. How many cups are in a gallon? _____
- d. Which is greater: a quart or a pint? _____
- e. How many cups are in a pint? _____
- f. Which is less: a cup or a pint? _____
- g. How many cups are in a quart? _____
- h. How many pints are in 2 quarts? _____
- i. How many cups are in 3 pints? _____
- j. Which is greater: 8 cups or 1 quart? _____
- k. Which is less: 4 quarts or one gallon? _____




2 cups = 1 pint 27

Circle the appropriate unit of metric weight/mass.

1. A teaspoon of sugar 

grams kilograms

2. A minivan 

grams kilograms

3. A pencil 

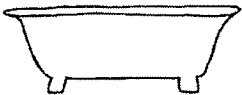
grams kilograms

4. A real horse 

grams kilograms

Circle the appropriate unit of metric liquid volume

1. The water used for a bath



liters milliliters

2. The water in an ice cube



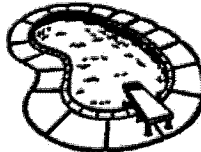
liters milliliters

3. Mustard for a hot dog



liters milliliters

4. The water in a pool



liters milliliters

Circle the appropriate unit of metric length.

1. The hands on a clock



centimeters meters

2. Trip on an airplane

meters kilometers



4. How far you can throw a ball

millimeters meters



5. Width of a string

millimeters meters



Let's try multiplication again.

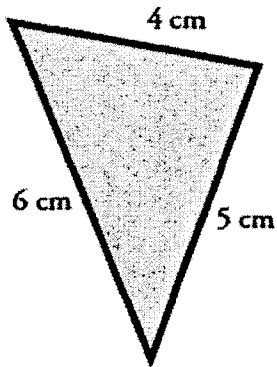
Goal: Solve all the problems correctly in under 2 minutes.

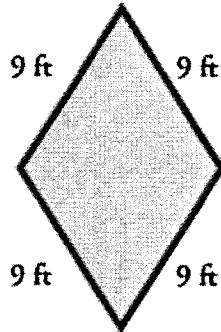
Directions: Have someone time you on the challenge below. Practice your multiplication flashcards and try the challenge again as you work through this packet.

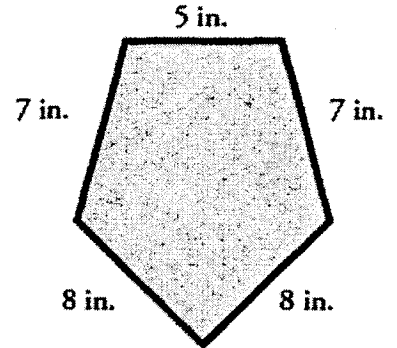
$9 \times 9 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$	$7 \times 1 = \underline{\quad}$	$6 \times 1 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times 4 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$	$8 \times 7 = \underline{\quad}$	$9 \times 3 = \underline{\quad}$	$7 \times 2 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$7 \times 3 = \underline{\quad}$	$9 \times 7 = \underline{\quad}$	$8 \times 6 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$7 \times 4 = \underline{\quad}$	$9 \times 2 = \underline{\quad}$	$6 \times 3 = \underline{\quad}$	$9 \times 6 = \underline{\quad}$	$8 \times 5 = \underline{\quad}$
$9 \times 1 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$9 \times 5 = \underline{\quad}$
$8 \times 4 = \underline{\quad}$	$4 \times 3 = \underline{\quad}$	$7 \times 6 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$5 \times 3 = \underline{\quad}$
$4 \times 2 = \underline{\quad}$	$8 \times 3 = \underline{\quad}$	$5 \times 2 = \underline{\quad}$	$4 \times 1 = \underline{\quad}$	$6 \times 6 = \underline{\quad}$
$7 \times 7 = \underline{\quad}$	$5 \times 1 = \underline{\quad}$	$8 \times 2 = \underline{\quad}$	$3 \times 3 = \underline{\quad}$	$8 \times 1 = \underline{\quad}$

How many problems did you solve correctly in 2 minutes? _____

Find the perimeter (distance around) for each shape.







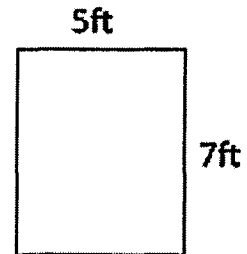
Find the area for each shape.

1.



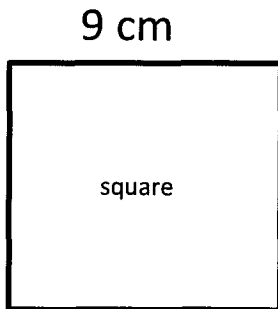
Area = _____ square cm

2.



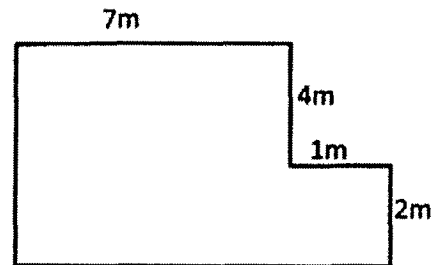
Area = _____ square ft

3.



Area = _____ square cm

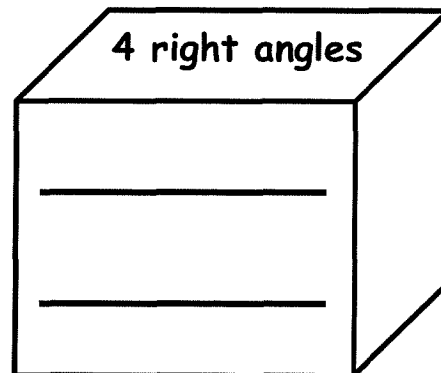
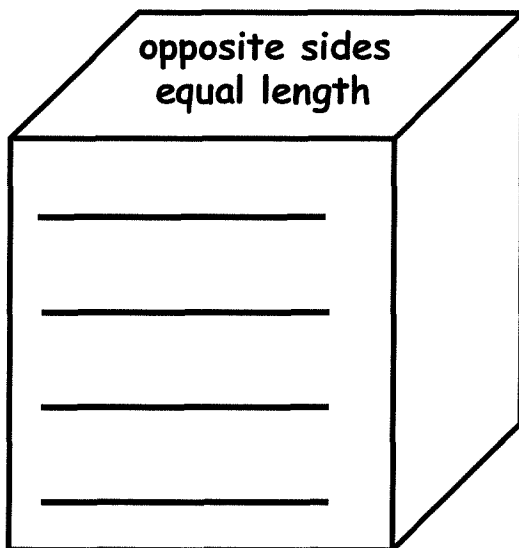
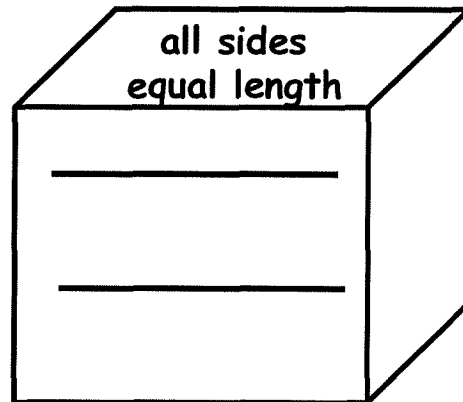
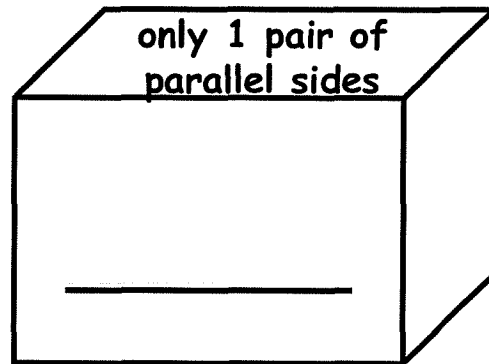
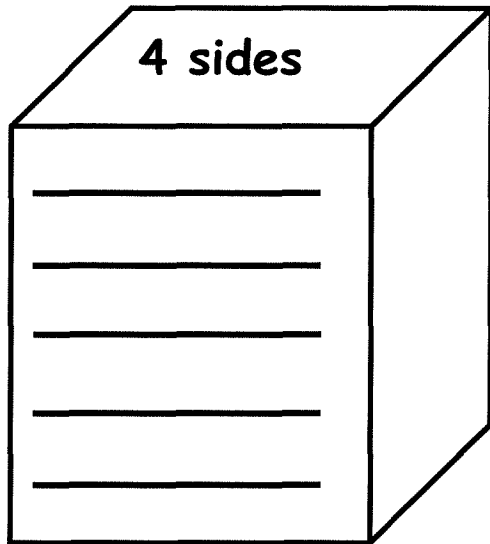
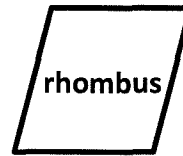
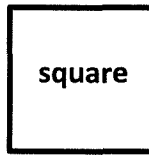
4.



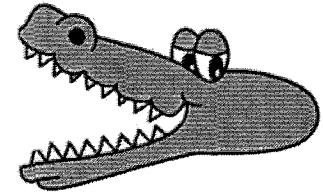
Area = _____ square m (m²)

*Hint: Break the figure apart into 2 rectangles.

Write the names of the shapes in the boxes were they belong.



Compare the numbers. Use < or >.



$3,852 \square 1,705$

$2,527 \square 1,595$

$9,801 \square 5,224$

$1,552 \square 1,196$

$7,396 \square 3,575$

$6,109 \square 5,710$

$4,921 \square 5,825$

$4,118 \square 6,121$

$8,244 \square 4,710$

$5,403 \square 3,091$

Identify the rule and complete the pattern.

1. 7, 15, 23, _____, _____

Rule: _____

2. 48, 44, 40, _____, _____

Rule: _____

3. 7, 14, 21, _____, _____

Rule: _____

4. 2, 6, 18, 54

Rule: _____

5. 21, 18, 15, _____

Rule: _____

Really Silly Word Problems

1. There are strange insects on Planet Zoog. Strange, but fast! The Pizbot can fly 145 miles an hour. The Waztail fly can fly 258 miles an hour. About how far can both insects travel in one hour?



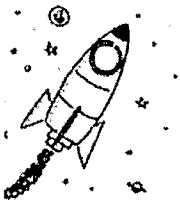
ANSWER:

2. Chef Crayzee was making his infamous pie á la bug. His special recipe called for 41 black ants, 52 beetles, 27 red ants and 16 flies to make one batch. How many bugs does he need in all?



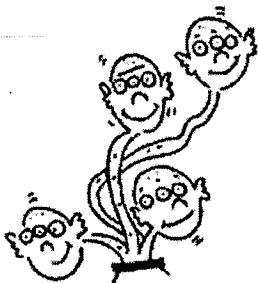
ANSWER:

3. The Martian exploratory force has 65 crew members. On the way to Earth they took a rest stop on the moon. 17 Martians stayed too long in the restroom and missed the rocket to Earth. How many Martians are on the rocket?



ANSWER:

4. Doodlewazzers have 3 eyes on each of their 4 heads. How many eyes does a Doodlewazzer have?

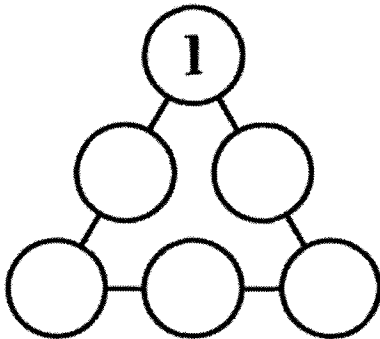


ANSWER:

Math Brain Teasers

GOING IN CIRCLES?

Fill in the circles with the numbers from 2 to 6 so that each side of the triangle adds up to 10.



WHAT'S YOUR SIGN?

Fill in the missing + and - signs to make this equation true:

$$5 \bigcirc 4 \bigcirc 9 \bigcirc 3 \bigcirc 2 \bigcirc 1 = 4$$

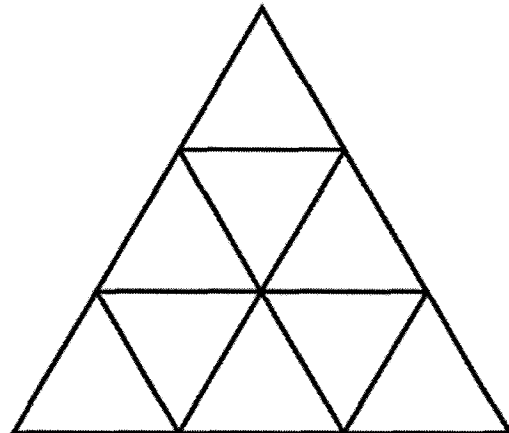
GIVE ME HALF

What is $\frac{1}{2}$ of $\frac{1}{2}$?

(Hint: Draw a picture!)

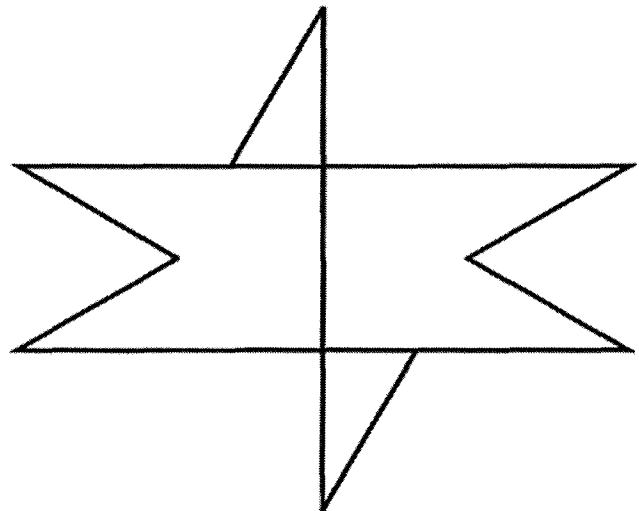
"TRI" THIS

How many triangles are in this figure?



SHAPE TRACE

Can you trace this figure without going over any lines?



* Answers are on the last page.

More Math Brain Teasers

UPSIDE DOWN

What two-digit number reads the same upside down as it does right side up?

CATS IN LINE

One cat walked in front of two cats. One cat walked behind two cats. One cat walked between two cats. How many cats were there? (Hint: Draw a picture!)

CUTTING THE CAKE!

What is the fewest number of cuts you could make in order to cut a cake into six slices? (Hint: Draw a picture!)

NUMBER PATTERN

Here are the first five figures in a pattern. Draw the next figure.



HOW MANY NUMBERS

Use the digits 5, 7, and 3. Write all the three-digit numbers you can make.

* Answers are on the last page. 35

Last Time: Did you master multiplication through 10×10 ?

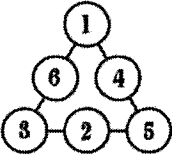
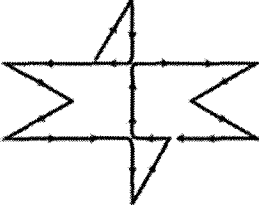

Goal: Solve all the problems in under 2 minutes.

Directions: Have someone time you on the challenge below.

$9 \times 9 = \underline{\quad}$	$8 \times 8 = \underline{\quad}$	$7 \times 1 = \underline{\quad}$	$6 \times 1 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times 4 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$	$8 \times 7 = \underline{\quad}$	$9 \times 3 = \underline{\quad}$	$7 \times 2 = \underline{\quad}$
$6 \times 2 = \underline{\quad}$	$7 \times 3 = \underline{\quad}$	$9 \times 7 = \underline{\quad}$	$8 \times 6 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$7 \times 4 = \underline{\quad}$	$9 \times 2 = \underline{\quad}$	$6 \times 3 = \underline{\quad}$	$9 \times 6 = \underline{\quad}$	$8 \times 5 = \underline{\quad}$
$9 \times 1 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$	$6 \times 4 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$9 \times 5 = \underline{\quad}$
$8 \times 4 = \underline{\quad}$	$4 \times 3 = \underline{\quad}$	$7 \times 6 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$5 \times 3 = \underline{\quad}$
$4 \times 2 = \underline{\quad}$	$8 \times 3 = \underline{\quad}$	$5 \times 2 = \underline{\quad}$	$4 \times 1 = \underline{\quad}$	$6 \times 6 = \underline{\quad}$
$7 \times 7 = \underline{\quad}$	$5 \times 1 = \underline{\quad}$	$8 \times 2 = \underline{\quad}$	$3 \times 3 = \underline{\quad}$	$8 \times 1 = \underline{\quad}$

How many problems did you solve correctly in 2 minutes?

Answers to Brain Teasers

Going in Circles	
What's your sign?	$5 + 4 - 9 + 3 + 2 - 1 = 4$
Give Me Half	$\frac{1}{2}$ of $\frac{1}{2}$ is $\frac{1}{4}$.
Tri Time	<p>13 triangles: 9 small (interior) 3 medium (interior) 1 large (the entire triangle)</p>
Shape Trace	
Upside Down	Answers include 11, 88, 69, and 96.
Cats in a Line	3 cats
Cutting the Cake	three cuts
Number Pattern	
How many numbers	573; 735; 357; 375; 753; 537

Congratulations!!

You have completed your summer packet and are better prepared for 4th grade math!

