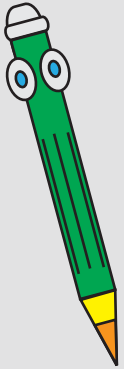


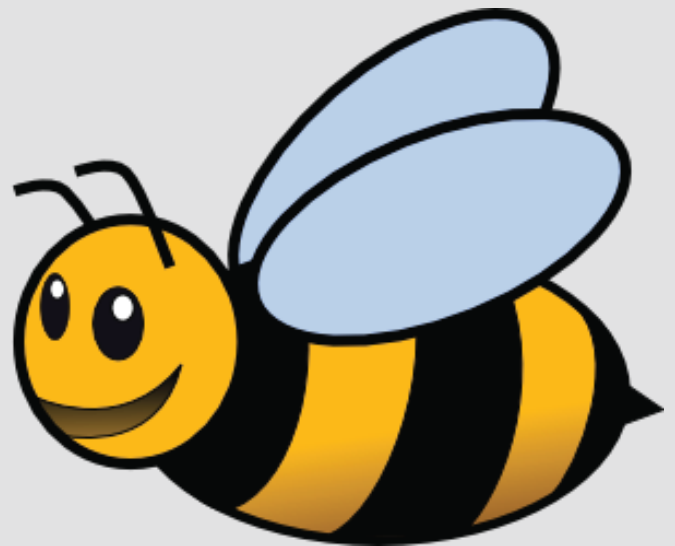
# Math in English



## Skills V

### Exercise Book

## Topics:



Long Division

Multiplication of 3 and 4 digit numbers

Expanded notation of 4 digit numbers

Mixed rounding off

Finding common factors of numbers

Common multiples

Mixed Operations

This workbook is made for grade 3 or 4 students who would like, or need, to practice math exercises. This exercise book with answers can be used at home or in the classroom.

This workbook covers:

- Long division of 3 digit numbers by 1 number (with block structures)
- Multiplying 3 digit numbers by 1 digit
- Multiplying 4 digit numbers by 1 digit
- Expanded notation of 4 digit numbers ( place value)
- Mixed rounding off
- Finding factors of basic numbers
- Finding the first common multiples of basic numbers
- Mixed addition and multiplication, division and addition and mixed operations

This exercise material is excellent practice material for students of any ability level. It can be used as remedial learning and teaching material for at home or in the classroom or can be used to challenge the better students!

Calculate and fill in the boxes

$$\begin{array}{r} \square \square \\ 6 \overline{) 368} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 7 \overline{) 544} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \overline{) 239} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 5 \overline{) 464} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 4 \overline{) 248} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 3 \overline{) 177} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 7 \overline{) 666} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 9 \overline{) 863} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \overline{) 432} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 8 \overline{) 165} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 9 \overline{) 355} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

$$\begin{array}{r} \square \square \\ 5 \overline{) 333} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline R \square \end{array}$$

Calculate and fill in the boxes

$$\begin{array}{r} \square \square \\ 6 \overline{) 421} \\ \underline{\square \square} \\ \square \square \\ \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 9 \overline{) 562} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 7 \overline{) 305} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \overline{) 477} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 3 \overline{) 214} \\ \underline{\square \square} \\ \square \square \\ \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 5 \overline{) 457} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 8 \overline{) 665} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \overline{) 453} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 4 \overline{) 399} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 7 \overline{) 560} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \overline{) 448} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \\ 5 \overline{) 162} \\ \underline{\square \square} \\ \square \square \\ \square \square \\ \hline \text{R } \square \end{array}$$

Calculate and fill in the boxes

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 768} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 5 \overline{) 631} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 4 \overline{) 755} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 529} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 8 \overline{) 933} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 777} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 438} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 610} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 5 \overline{) 708} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 503} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 858} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \text{R } \square \end{array}$$

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 711} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \text{R } \square \end{array}$$



# Multiplying 3 digits by 1 digit

Multiply

$$\begin{array}{r} 368 \\ \times 8 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 437 \\ \times 4 \\ \hline \square, \square \square \square \end{array}$$



$$\begin{array}{r} 635 \\ \times 6 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 497 \\ \times 6 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 125 \\ \times 8 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 394 \\ \times 5 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 549 \\ \times 4 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 298 \\ \times 9 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 508 \\ \times 4 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 822 \\ \times 4 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 736 \\ \times 7 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 384 \\ \times 6 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 475 \\ \times 3 \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} 999 \\ \times 7 \\ \hline \square, \square \square \square \end{array}$$

# Multiplying 3 digits by 1 digit

Multiply

$$\begin{array}{r} \boxed{5} \boxed{7} \boxed{2} \\ \times \quad \quad \boxed{3} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{9} \boxed{3} \boxed{2} \\ \times \quad \quad \quad \boxed{3} \\ \hline \square, \square \square \square \end{array}$$



$$\begin{array}{r} \boxed{7} \boxed{0} \boxed{4} \\ \times \quad \quad \quad \boxed{8} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{3} \boxed{9} \boxed{5} \\ \times \quad \quad \quad \boxed{6} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{1} \boxed{4} \boxed{5} \\ \times \quad \quad \quad \boxed{9} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{5} \boxed{1} \boxed{4} \\ \times \quad \quad \quad \boxed{6} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{4} \boxed{1} \boxed{0} \\ \times \quad \quad \quad \boxed{5} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{2} \boxed{4} \boxed{6} \\ \times \quad \quad \quad \boxed{8} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{5} \boxed{7} \boxed{0} \\ \times \quad \quad \quad \boxed{3} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{5} \boxed{9} \boxed{1} \\ \times \quad \quad \quad \boxed{7} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{6} \boxed{2} \boxed{7} \\ \times \quad \quad \quad \boxed{7} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{1} \boxed{9} \boxed{4} \\ \times \quad \quad \quad \boxed{7} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{6} \boxed{2} \boxed{5} \\ \times \quad \quad \quad \boxed{8} \\ \hline \square, \square \square \square \end{array}$$

$$\begin{array}{r} \boxed{9} \boxed{0} \boxed{8} \\ \times \quad \quad \quad \boxed{7} \\ \hline \square, \square \square \square \end{array}$$



# Multiplying 4 digits by 1 digit

Multiply and use the boxes

$$\begin{array}{r} 3,754 \\ \times \quad 3 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 6,763 \\ \times \quad 5 \\ \hline \square\square,\square\square\square \end{array}$$



$$\begin{array}{r} 5,360 \\ \times \quad 4 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 8,148 \\ \times \quad 7 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 5,143 \\ \times \quad 6 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 7,004 \\ \times \quad 3 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 2,304 \\ \times \quad 9 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 5,544 \\ \times \quad 3 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 1,398 \\ \times \quad 9 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 8,321 \\ \times \quad 8 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,159 \\ \times \quad 7 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 4,870 \\ \times \quad 5 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 2,008 \\ \times \quad 6 \\ \hline \square\square,\square\square\square \end{array}$$

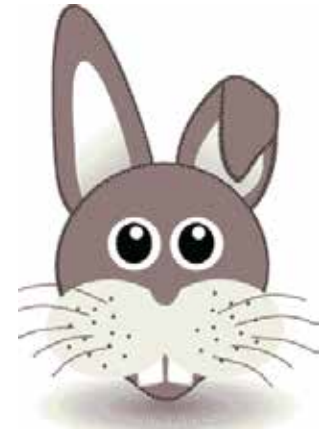
$$\begin{array}{r} 7,820 \\ \times \quad 3 \\ \hline \square\square,\square\square\square \end{array}$$

# Multiplying 4 digits by 1 digit

Calculate and fill in the boxes

$$\begin{array}{r} 2,815 \\ \times \quad 7 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 1,150 \\ \times \quad 9 \\ \hline \square\square,\square\square\square \end{array}$$



$$\begin{array}{r} 2,498 \\ \times \quad 6 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,090 \\ \times \quad 9 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 5,501 \\ \times \quad 4 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 4,500 \\ \times \quad 4 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,999 \\ \times \quad 7 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,400 \\ \times \quad 9 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 4,160 \\ \times \quad 4 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,498 \\ \times \quad 4 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,699 \\ \times \quad 5 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 6,300 \\ \times \quad 8 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 4,113 \\ \times \quad 7 \\ \hline \square\square,\square\square\square \end{array}$$

$$\begin{array}{r} 3,004 \\ \times \quad 6 \\ \hline \square\square,\square\square\square \end{array}$$

# Expanded Notation

Fill in the blanks

$$\underline{\quad} = 3,000 + 400 + 20 + 6$$

$$\underline{\quad} = 4,000 + 800 + 70 + 6$$

$$\underline{\quad} = 5,000 + 900 + 80 + 7$$

$$\underline{\quad} = 5,000 + 900 + 90 + 9$$

$$\underline{\quad} = 3,000 + 1$$

$$\underline{\quad} = 7,000 + 400 + 30 + 2$$

$$7,654 = \underline{\quad} + 600 + 50 + 4$$

$$8,543 = \underline{\quad} + 500 + 40 + 3$$

$$4,587 = 4,000 + \underline{\quad} + 80 + 7$$

$$8,111 = 8,000 + \underline{\quad} + 10 + 1$$

$$9,764 = 9,000 + 700 + \underline{\quad} + 4$$

$$1,250 = 1,000 + 200 + \underline{\quad}$$



$$3,487 = \underline{\quad} + \underline{\quad} + 80 + \underline{\quad}$$

$$4,544 = \underline{\quad} + 500 + \underline{\quad} + 4$$

$$3,000 = 3,000 + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$9,502 = 9,000 + \underline{\quad} + 2$$

$$\underline{\quad} = 6,000 + 800 + 70 + 2$$

$$8,981 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 1$$

$$\underline{\quad} = 5,000 + 500 + 80 + 9$$

$$4,112 = \underline{\quad} + 100 + \underline{10} + \underline{\quad}$$

$$7,777 = \underline{\quad} + 700 + \underline{\quad} + 7$$

$$\underline{\quad} = 5,000 + 0 + 0 + 0$$

# Expanded Notation

Fill in the blanks



$$5,987 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 7$$

$$\underline{\quad} = 2,000 + 300 + 30$$

$$6,764 = \underline{\quad} + 700 + 60 + \underline{\quad}$$

$$9,235 = \underline{\quad} + 200 + \underline{\quad} + 5$$

$$5,001 = \underline{\quad} + 1$$

$$5,009 = 5,000 + \underline{\quad} + \underline{\quad} + 9$$

$$4,771 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 1$$

$$2,298 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 8$$

$$4,987 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$8,444 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$3,985 = 3,000 + \underline{\quad} + \underline{\quad} + 5$$

$$\underline{\quad} = 1,000 + 700 + 50$$

$$7,544 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 4$$

$$8,897 = \underline{\quad} + 800 + \underline{\quad} + 7$$

$$\underline{\quad} = 4,000 + 500 + 60 + 7$$

$$4,887 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} = 2,000 + 100 + 90 + 8$$

$$3,000 = 3,000 + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} = 4,000 + 900 + 80 + 7$$

$$\underline{\quad} = 8,000 + 800 + 80 + 8$$

$$3,911 = \underline{\quad} + \underline{\quad} + \underline{\quad} + 1$$

$$3,929 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

# Rounding off to the nearest ten

Round the following numbers off to the nearest ten

115 \_\_\_\_\_

50 \_\_\_\_\_

14 \_\_\_\_\_

31 \_\_\_\_\_

65 \_\_\_\_\_

467 \_\_\_\_\_

134 \_\_\_\_\_

92 \_\_\_\_\_

228 \_\_\_\_\_

237 \_\_\_\_\_

135 \_\_\_\_\_

118 \_\_\_\_\_

23 \_\_\_\_\_

299 \_\_\_\_\_

34 \_\_\_\_\_

44 \_\_\_\_\_

1 \_\_\_\_\_

679 \_\_\_\_\_

3 \_\_\_\_\_

40 \_\_\_\_\_

999 \_\_\_\_\_

102 \_\_\_\_\_

301 \_\_\_\_\_

85 \_\_\_\_\_

205 \_\_\_\_\_

89 \_\_\_\_\_

200 \_\_\_\_\_

333 \_\_\_\_\_

15 \_\_\_\_\_

155 \_\_\_\_\_

99 \_\_\_\_\_

499 \_\_\_\_\_

55 \_\_\_\_\_



# Rounding off to the nearest hundred

Round the following numbers off to the nearest hundred

750 \_\_\_\_\_

249 \_\_\_\_\_

1,214 \_\_\_\_\_

1,549 \_\_\_\_\_

65 \_\_\_\_\_

23 \_\_\_\_\_

980 \_\_\_\_\_

750 \_\_\_\_\_

749 \_\_\_\_\_

460 \_\_\_\_\_

230 \_\_\_\_\_

830 \_\_\_\_\_

3,202 \_\_\_\_\_

6,879 \_\_\_\_\_

3,098 \_\_\_\_\_

44 \_\_\_\_\_

79 \_\_\_\_\_

14 \_\_\_\_\_

2,229 \_\_\_\_\_

5,766 \_\_\_\_\_

5,102 \_\_\_\_\_

102 \_\_\_\_\_

333 \_\_\_\_\_

192 \_\_\_\_\_

876 \_\_\_\_\_

245 \_\_\_\_\_

257 \_\_\_\_\_

4,251 \_\_\_\_\_

9,949 \_\_\_\_\_

4,099 \_\_\_\_\_

299 \_\_\_\_\_

309 \_\_\_\_\_

125 \_\_\_\_\_



# Rounding off to the nearest thousand

Round the following numbers off to the nearest thousand

12,214 \_\_\_\_\_

18,500 \_\_\_\_\_



23,514 \_\_\_\_\_

12,499 \_\_\_\_\_

87,004 \_\_\_\_\_

35,890 \_\_\_\_\_

23,876 \_\_\_\_\_

45,499 \_\_\_\_\_

45,098 \_\_\_\_\_

44,650 \_\_\_\_\_

12,601 \_\_\_\_\_

23,599 \_\_\_\_\_

11,400 \_\_\_\_\_

21,508 \_\_\_\_\_

33,333 \_\_\_\_\_

34,765 \_\_\_\_\_

22,876 \_\_\_\_\_

90,809 \_\_\_\_\_

99,099 \_\_\_\_\_

67,801 \_\_\_\_\_

45,454 \_\_\_\_\_

85,088 \_\_\_\_\_

76,430 \_\_\_\_\_

90,001 \_\_\_\_\_

44,499 \_\_\_\_\_

12,001 \_\_\_\_\_

66,666 \_\_\_\_\_

87,333 \_\_\_\_\_

44,941 \_\_\_\_\_

34,111 \_\_\_\_\_

98,005 \_\_\_\_\_

45,009 \_\_\_\_\_

15,009 \_\_\_\_\_

Complete the table

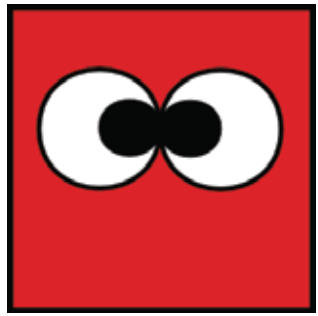
Number	Round of the nearest:		
	Ten	Hundred	Thousand
345			
1,245			
99			
9,987			
4,560			
749			
3,456			
301			
9			
999			
5,761			
4,098			
3,987			
51			
4,049			



Complete the table

Number	Round of the nearest:		
	Ten	Hundred	Thousand
555			
1,298			
45			
5,876			
4,009			
851			
3,288			
904			
6			
884			
5,546			
4,541			
3,499			
48			
4,345			

Find the factors of the following numbers:



18 \_\_\_\_\_

25 \_\_\_\_\_

16 \_\_\_\_\_

20 \_\_\_\_\_

15 \_\_\_\_\_

28 \_\_\_\_\_

35 \_\_\_\_\_

42 \_\_\_\_\_

39 \_\_\_\_\_

45 \_\_\_\_\_

63 \_\_\_\_\_

21 \_\_\_\_\_

45 \_\_\_\_\_

64 \_\_\_\_\_

12 \_\_\_\_\_

10 \_\_\_\_\_

40 \_\_\_\_\_

32 \_\_\_\_\_

24 \_\_\_\_\_

100 \_\_\_\_\_

22 \_\_\_\_\_

50 \_\_\_\_\_

Find the first common multiple of:

2 and 3 \_\_\_\_\_

1 and 8 \_\_\_\_\_

3 and 4 \_\_\_\_\_

2 and 6 \_\_\_\_\_

2 and 5 \_\_\_\_\_

8 and 6 \_\_\_\_\_

3 and 5 \_\_\_\_\_

8 and 2 \_\_\_\_\_



7 and 9 \_\_\_\_\_

3 and 6 \_\_\_\_\_

8 and 7 \_\_\_\_\_

5 and 1 \_\_\_\_\_

1 and 6 \_\_\_\_\_

8 and 5 \_\_\_\_\_

9 and 5 \_\_\_\_\_

3 and 7 \_\_\_\_\_

4 and 6 \_\_\_\_\_

9 and 6 \_\_\_\_\_

4 and 5 \_\_\_\_\_

5 and 7 \_\_\_\_\_

1 and 3 \_\_\_\_\_

3 and 9 \_\_\_\_\_

9 and 4 \_\_\_\_\_

8 and 6 \_\_\_\_\_

2 and 9 \_\_\_\_\_

6 and 5 \_\_\_\_\_

6 and 7 \_\_\_\_\_

8 and 3 \_\_\_\_\_

8 and 9 \_\_\_\_\_

2 and 8 \_\_\_\_\_

9 and 1 \_\_\_\_\_

7 and 2 \_\_\_\_\_

1 and 2 \_\_\_\_\_

# Mixed multiplication and addition

Calculate

$6 \times 18 + 125 =$

$4 \times 66 + 305 =$

$4 \times 23 + 115 =$

$7 \times 54 + 109 =$

$2 \times 45 + 223 =$

$9 \times 21 + 154 =$

$7 \times 22 + 678 =$

$8 \times 37 + 207 =$

$3 \times 19 + 432 =$

$6 \times 16 + 432 =$

$3 \times 16 + 432 =$

$5 \times 40 + 700 =$

$8 \times 11 + 789 =$

$8 \times 22 + 671 =$

$4 \times 13 + 327 =$

$9 \times 25 + 145 =$

$5 \times 25 + 436 =$

$2 \times 17 + 675 =$

$5 \times 12 + 456 =$

$7 \times 30 + 332 =$

$6 \times 21 + 335 =$

$4 \times 18 + 765 =$

$3 \times 30 + 456 =$

$5 \times 54 + 543 =$

$3 \times 15 + 123 =$

$6 \times 13 + 765 =$

$4 \times 66 + 222 =$

$6 \times 14 + 105 =$

$2 \times 26 + 312 =$

$7 \times 32 + 580 =$

$5 \times 25 + 135 =$

$9 \times 14 + 109 =$

$6 \times 11 + 654 =$

$2 \times 19 + 477 =$



# Mixed multiplication and subtraction

Calculate



$9 \times 88 - 345 =$

$3 \times 56 - 105 =$

$6 \times 33 - 115 =$

$7 \times 51 - 109 =$

$3 \times 65 - 123 =$

$9 \times 22 - 154 =$

$7 \times 72 - 328 =$

$4 \times 37 - 107 =$

$8 \times 59 - 232 =$

$6 \times 96 - 432 =$

$9 \times 16 - 132 =$

$9 \times 40 - 200 =$

$8 \times 65 - 229 =$

$8 \times 42 - 171 =$

$8 \times 53 - 327 =$

$9 \times 75 - 134 =$

$5 \times 75 - 226 =$

$9 \times 47 - 275 =$

$5 \times 52 - 116 =$

$9 \times 30 - 232 =$

$9 \times 41 - 335 =$

$4 \times 88 - 265 =$

$7 \times 70 - 156 =$

$5 \times 54 - 143 =$

$8 \times 45 - 123 =$

$8 \times 73 - 265 =$

$9 \times 66 - 222 =$

$6 \times 44 - 105 =$

$7 \times 66 - 312 =$

$7 \times 32 - 180 =$

$9 \times 25 - 100 =$

$9 \times 34 - 209 =$

$9 \times 91 - 654 =$

$8 \times 39 - 177 =$

# Mixed division and multiplication

Calculate

$130 \div 5 \times 9 =$

$165 \div 3 \times 9 =$

$148 \div 4 \times 6 =$

$328 \div 8 \times 4 =$

$455 \div 7 \times 5 =$

$588 \div 6 \times 3 =$

$396 \div 6 \times 3 =$

$100 \div 4 \times 5 =$

$480 \div 5 \times 4 =$

$186 \div 3 \times 9 =$

$196 \div 2 \times 7 =$

$154 \div 2 \times 8 =$

$336 \div 8 \times 7 =$

$200 \div 8 \times 4 =$

$141 \div 3 \times 9 =$

$140 \div 4 \times 7 =$

$585 \div 9 \times 5 =$

$510 \div 6 \times 5 =$

$252 \div 7 \times 3 =$

$425 \div 5 \times 9 =$

$483 \div 7 \times 9 =$

$392 \div 4 \times 7 =$

$318 \div 6 \times 8 =$

$288 \div 4 \times 7 =$

$261 \div 3 \times 8 =$

$435 \div 5 \times 7 =$

$435 \div 5 \times 4 =$

$345 \div 5 \times 4 =$

$134 \div 2 \times 9 =$

$147 \div 7 \times 6 =$

$264 \div 3 \times 7 =$

$465 \div 5 \times 6 =$

$144 \div 3 \times 8 =$



# Long Division

Calculate and fill in the boxes

$$\begin{array}{r} 61 \\ 6 \overline{) 368} \\ \underline{36} \\ 08 \\ \underline{6} \\ R 2 \end{array}$$

$$\begin{array}{r} 77 \\ 7 \overline{) 544} \\ \underline{49} \\ 54 \\ \underline{49} \\ R 5 \end{array}$$

$$\begin{array}{r} 39 \\ 6 \overline{) 239} \\ \underline{18} \\ 59 \\ \underline{4} \\ R 5 \end{array}$$

$$\begin{array}{r} 92 \\ 5 \overline{) 464} \\ \underline{45} \\ 14 \\ \underline{10} \\ R 4 \end{array}$$

$$\begin{array}{r} 62 \\ 4 \overline{) 248} \\ \underline{24} \\ 08 \\ \underline{8} \\ R 0 \end{array}$$

$$\begin{array}{r} 59 \\ 3 \overline{) 177} \\ \underline{15} \\ 27 \\ \underline{27} \\ R 0 \end{array}$$

$$\begin{array}{r} 95 \\ 7 \overline{) 666} \\ \underline{63} \\ 36 \\ \underline{35} \\ R 1 \end{array}$$

$$\begin{array}{r} 95 \\ 9 \overline{) 863} \\ \underline{81} \\ 53 \\ \underline{45} \\ R 8 \end{array}$$

$$\begin{array}{r} 72 \\ 6 \overline{) 432} \\ \underline{42} \\ 12 \\ \underline{12} \\ R 0 \end{array}$$

$$\begin{array}{r} 20 \\ 8 \overline{) 165} \\ \underline{16} \\ 05 \\ \underline{0} \\ R 5 \end{array}$$

$$\begin{array}{r} 39 \\ 9 \overline{) 355} \\ \underline{27} \\ 85 \\ \underline{81} \\ R 4 \end{array}$$

$$\begin{array}{r} 66 \\ 5 \overline{) 333} \\ \underline{30} \\ 33 \\ \underline{30} \\ R 3 \end{array}$$

$$\begin{array}{r} 70 \\ 6 \overline{) 421} \\ \underline{42} \\ 01 \\ \underline{0} \\ R 1 \end{array}$$

$$\begin{array}{r} 62 \\ 9 \overline{) 562} \\ \underline{54} \\ 22 \\ \underline{18} \\ R 4 \end{array}$$

$$\begin{array}{r} 43 \\ 7 \overline{) 305} \\ \underline{28} \\ 25 \\ \underline{21} \\ R 4 \end{array}$$

$$\begin{array}{r} 79 \\ 6 \overline{) 477} \\ \underline{42} \\ 57 \\ \underline{54} \\ R 3 \end{array}$$

$$\begin{array}{r} 71 \\ 3 \overline{) 214} \\ \underline{21} \\ 04 \\ \underline{3} \\ R 1 \end{array}$$

$$\begin{array}{r} 91 \\ 5 \overline{) 457} \\ \underline{45} \\ 07 \\ \underline{5} \\ R 2 \end{array}$$

$$\begin{array}{r} 83 \\ 8 \overline{) 665} \\ \underline{64} \\ 25 \\ \underline{24} \\ R 1 \end{array}$$

$$\begin{array}{r} 75 \\ 6 \overline{) 453} \\ \underline{42} \\ 33 \\ \underline{30} \\ R 3 \end{array}$$

$$\begin{array}{r} 99 \\ 4 \overline{) 399} \\ \underline{36} \\ 39 \\ \underline{36} \\ R 3 \end{array}$$

$$\begin{array}{r} 80 \\ 7 \overline{) 560} \\ \underline{56} \\ 00 \\ \underline{0} \\ R 0 \end{array}$$

$$\begin{array}{r} 74 \\ 6 \overline{) 448} \\ \underline{42} \\ 28 \\ \underline{24} \\ R 4 \end{array}$$

$$\begin{array}{r} 32 \\ 5 \overline{) 162} \\ \underline{15} \\ 12 \\ \underline{10} \\ R 2 \end{array}$$

# Long Division

Calculate and fill in the boxes

$$\begin{array}{r} 128 \\ 6 \overline{) 768} \\ \underline{6} \\ 16 \\ \underline{12} \\ 48 \\ \underline{48} \\ R 0 \end{array}$$

$$\begin{array}{r} 126 \\ 5 \overline{) 631} \\ \underline{5} \\ 13 \\ \underline{10} \\ 31 \\ \underline{30} \\ R 1 \end{array}$$

$$\begin{array}{r} 188 \\ 4 \overline{) 755} \\ \underline{4} \\ 35 \\ \underline{32} \\ 35 \\ \underline{32} \\ R 3 \end{array}$$

$$\begin{array}{r} 176 \\ 3 \overline{) 529} \\ \underline{3} \\ 22 \\ \underline{21} \\ 19 \\ \underline{18} \\ R 1 \end{array}$$

$$\begin{array}{r} 116 \\ 8 \overline{) 933} \\ \underline{8} \\ 13 \\ \underline{8} \\ 53 \\ \underline{48} \\ R 5 \end{array}$$

$$\begin{array}{r} 129 \\ 6 \overline{) 777} \\ \underline{6} \\ 17 \\ \underline{12} \\ 57 \\ \underline{54} \\ R 3 \end{array}$$

$$\begin{array}{r} 219 \\ 2 \overline{) 438} \\ \underline{4} \\ 03 \\ \underline{2} \\ 18 \\ \underline{18} \\ R 0 \end{array}$$

$$\begin{array}{r} 101 \\ 6 \overline{) 610} \\ \underline{6} \\ 01 \\ \underline{0} \\ 10 \\ \underline{6} \\ R 4 \end{array}$$

$$\begin{array}{r} 141 \\ 5 \overline{) 708} \\ \underline{5} \\ 20 \\ \underline{20} \\ 08 \\ \underline{45} \\ R 3 \end{array}$$

$$\begin{array}{r} 167 \\ 3 \overline{) 503} \\ \underline{3} \\ 20 \\ \underline{18} \\ 23 \\ \underline{21} \\ R 2 \end{array}$$

$$\begin{array}{r} 143 \\ 6 \overline{) 858} \\ \underline{6} \\ 25 \\ \underline{24} \\ 18 \\ \underline{18} \\ R 0 \end{array}$$

$$\begin{array}{r} 118 \\ 6 \overline{) 711} \\ \underline{6} \\ 11 \\ \underline{6} \\ 51 \\ \underline{48} \\ R 3 \end{array}$$

Calculate and fill in the boxes

$$\begin{array}{r} 121 \\ 6 \overline{) 730} \\ \underline{6} \\ 13 \\ \underline{12} \\ 10 \\ \underline{6} \\ R 4 \end{array}$$

$$\begin{array}{r} 197 \\ 4 \overline{) 788} \\ \underline{4} \\ 38 \\ \underline{36} \\ 28 \\ \underline{28} \\ R 0 \end{array}$$

$$\begin{array}{r} 153 \\ 2 \overline{) 307} \\ \underline{2} \\ 10 \\ \underline{10} \\ 07 \\ \underline{46} \\ R 1 \end{array}$$

$$\begin{array}{r} 124 \\ 8 \overline{) 999} \\ \underline{8} \\ 19 \\ \underline{16} \\ 39 \\ \underline{32} \\ R 7 \end{array}$$

$$\begin{array}{r} 138 \\ 4 \overline{) 552} \\ \underline{4} \\ 15 \\ \underline{12} \\ 32 \\ \underline{32} \\ R 0 \end{array}$$

$$\begin{array}{r} 150 \\ 6 \overline{) 903} \\ \underline{6} \\ 30 \\ \underline{30} \\ 03 \\ \underline{0} \\ R 3 \end{array}$$

$$\begin{array}{r} 175 \\ 4 \overline{) 701} \\ \underline{4} \\ 30 \\ \underline{28} \\ 21 \\ \underline{20} \\ R 1 \end{array}$$

$$\begin{array}{r} 207 \\ 3 \overline{) 623} \\ \underline{6} \\ 02 \\ \underline{0} \\ 23 \\ \underline{21} \\ R 2 \end{array}$$

$$\begin{array}{r} 118 \\ 7 \overline{) 831} \\ \underline{7} \\ 13 \\ \underline{17} \\ 61 \\ \underline{56} \\ R 5 \end{array}$$

$$\begin{array}{r} 116 \\ 8 \overline{) 928} \\ \underline{8} \\ 12 \\ \underline{8} \\ 48 \\ \underline{48} \\ R 0 \end{array}$$

$$\begin{array}{r} 281 \\ 2 \overline{) 563} \\ \underline{4} \\ 16 \\ \underline{16} \\ 03 \\ \underline{2} \\ R 1 \end{array}$$

$$\begin{array}{r} 193 \\ 4 \overline{) 772} \\ \underline{4} \\ 37 \\ \underline{36} \\ 12 \\ \underline{12} \\ R 0 \end{array}$$

## Multiplying 3 digits by 1 digit

Multiply

$$\begin{array}{r} 368 \\ \times 8 \\ \hline 2,944 \end{array}$$

$$\begin{array}{r} 437 \\ \times 4 \\ \hline 1,748 \end{array}$$



$$\begin{array}{r} 635 \\ \times 6 \\ \hline 3,810 \end{array}$$

$$\begin{array}{r} 497 \\ \times 6 \\ \hline 2,982 \end{array}$$

$$\begin{array}{r} 125 \\ \times 8 \\ \hline 1,000 \end{array}$$

$$\begin{array}{r} 394 \\ \times 5 \\ \hline 1,970 \end{array}$$

$$\begin{array}{r} 549 \\ \times 4 \\ \hline 2,196 \end{array}$$

$$\begin{array}{r} 298 \\ \times 9 \\ \hline 2,682 \end{array}$$

$$\begin{array}{r} 508 \\ \times 4 \\ \hline 2,032 \end{array}$$

$$\begin{array}{r} 822 \\ \times 4 \\ \hline 3,288 \end{array}$$

$$\begin{array}{r} 736 \\ \times 7 \\ \hline 5,152 \end{array}$$

$$\begin{array}{r} 384 \\ \times 6 \\ \hline 2,304 \end{array}$$

$$\begin{array}{r} 475 \\ \times 3 \\ \hline 1,425 \end{array}$$

$$\begin{array}{r} 999 \\ \times 7 \\ \hline 6,993 \end{array}$$

## Multiplying 3 digits by 1 digit

Multiply

$$\begin{array}{r} 572 \\ \times 3 \\ \hline 1,716 \end{array}$$

$$\begin{array}{r} 932 \\ \times 3 \\ \hline 2,796 \end{array}$$



$$\begin{array}{r} 704 \\ \times 8 \\ \hline 5,632 \end{array}$$

$$\begin{array}{r} 395 \\ \times 6 \\ \hline 2,370 \end{array}$$

$$\begin{array}{r} 145 \\ \times 9 \\ \hline 1,305 \end{array}$$

$$\begin{array}{r} 514 \\ \times 6 \\ \hline 3,084 \end{array}$$

$$\begin{array}{r} 410 \\ \times 5 \\ \hline 2,050 \end{array}$$

$$\begin{array}{r} 246 \\ \times 8 \\ \hline 1,968 \end{array}$$

$$\begin{array}{r} 570 \\ \times 3 \\ \hline 1,710 \end{array}$$

$$\begin{array}{r} 591 \\ \times 7 \\ \hline 4,137 \end{array}$$

$$\begin{array}{r} 627 \\ \times 7 \\ \hline 4,389 \end{array}$$

$$\begin{array}{r} 194 \\ \times 7 \\ \hline 1,358 \end{array}$$

$$\begin{array}{r} 625 \\ \times 8 \\ \hline 5,000 \end{array}$$

$$\begin{array}{r} 908 \\ \times 7 \\ \hline 6,356 \end{array}$$

## Multiplying 4 digits by 1 digit

Multiply and use the boxes

$$\begin{array}{r} 3,754 \\ \times 3 \\ \hline 11,262 \end{array}$$

$$\begin{array}{r} 6,763 \\ \times 5 \\ \hline 33,815 \end{array}$$



$$\begin{array}{r} 5,360 \\ \times 4 \\ \hline 21,440 \end{array}$$

$$\begin{array}{r} 8,148 \\ \times 7 \\ \hline 57,036 \end{array}$$

$$\begin{array}{r} 5,143 \\ \times 6 \\ \hline 30,858 \end{array}$$

$$\begin{array}{r} 7,004 \\ \times 3 \\ \hline 21,012 \end{array}$$

$$\begin{array}{r} 2,304 \\ \times 9 \\ \hline 20,736 \end{array}$$

$$\begin{array}{r} 5,544 \\ \times 3 \\ \hline 16,632 \end{array}$$

$$\begin{array}{r} 1,398 \\ \times 9 \\ \hline 12,582 \end{array}$$

$$\begin{array}{r} 8,321 \\ \times 8 \\ \hline 66,568 \end{array}$$

$$\begin{array}{r} 3,159 \\ \times 7 \\ \hline 22,113 \end{array}$$

$$\begin{array}{r} 4,870 \\ \times 5 \\ \hline 24,350 \end{array}$$

$$\begin{array}{r} 2,008 \\ \times 6 \\ \hline 12,048 \end{array}$$

$$\begin{array}{r} 7,820 \\ \times 3 \\ \hline 23,460 \end{array}$$

## Multiplying 4 digits by 1 digit

Calculate and fill in the boxes

$$\begin{array}{r} 2,815 \\ \times 7 \\ \hline 19,705 \end{array}$$

$$\begin{array}{r} 1,150 \\ \times 9 \\ \hline 10,350 \end{array}$$



$$\begin{array}{r} 2,498 \\ \times 6 \\ \hline 14,988 \end{array}$$

$$\begin{array}{r} 3,090 \\ \times 9 \\ \hline 27,810 \end{array}$$

$$\begin{array}{r} 5,501 \\ \times 4 \\ \hline 22,004 \end{array}$$

$$\begin{array}{r} 4,500 \\ \times 4 \\ \hline 18,000 \end{array}$$

$$\begin{array}{r} 3,999 \\ \times 7 \\ \hline 27,993 \end{array}$$

$$\begin{array}{r} 3,400 \\ \times 9 \\ \hline 30,600 \end{array}$$

$$\begin{array}{r} 4,160 \\ \times 4 \\ \hline 16,640 \end{array}$$

$$\begin{array}{r} 3,498 \\ \times 4 \\ \hline 13,992 \end{array}$$

$$\begin{array}{r} 3,699 \\ \times 5 \\ \hline 18,495 \end{array}$$

$$\begin{array}{r} 6,300 \\ \times 8 \\ \hline 50,400 \end{array}$$

$$\begin{array}{r} 4,113 \\ \times 7 \\ \hline 28,791 \end{array}$$

$$\begin{array}{r} 3,004 \\ \times 6 \\ \hline 18,024 \end{array}$$



## Expanded Notation

Fill in the blanks

$$3,426 = 3,000 + 400 + 20 + 6$$

$$4,876 = 4,000 + 800 + 70 + 6$$

$$5,987 = 5,000 + 900 + 80 + 7$$

$$5,999 = 5,000 + 900 + 90 + 9$$

$$3,001 = 3,000 + 1$$

$$7,432 = 7,000 + 400 + 30 + 2$$

$$7,654 = 7,000 + 600 + 50 + 4$$

$$8,543 = 8,000 + 500 + 40 + 3$$

$$4,587 = 4,000 + 500 + 80 + 7$$

$$8,111 = 8,000 + 100 + 10 + 1$$

$$9,764 = 9,000 + 700 + 60 + 4$$

$$1,250 = 1,000 + 200 + 50$$



$$3,487 = 3,000 + 400 + 80 + 7$$

$$4,544 = 4,000 + 500 + 40 + 4$$

$$3,000 = 3,000 + 0 + 0 + 0$$

$$9,502 = 9,000 + 500 + 2$$

$$6,872 = 6,000 + 800 + 70 + 2$$

$$8,981 = 8,000 + 900 + 80 + 1$$

$$5,589 = 5,000 + 500 + 80 + 9$$

$$4,112 = 4,000 + 100 + 10 + 2$$

$$7,777 = 7,000 + 700 + 70 + 7$$

$$5,000 = 5,000 + 0 + 0 + 0$$

## Expanded Notation

Fill in the blanks

$$5,987 = 5,000 + 900 + 80 + 7$$

$$2,330 = 2,000 + 300 + 30$$

$$6,764 = 6,000 + 700 + 60 + 4$$

$$9,235 = 9,000 + 200 + 30 + 5$$

$$5,001 = 5,000 + 1$$

$$5,009 = 5,000 + 0 + 0 + 9$$

$$4,771 = 4,000 + 700 + 70 + 1$$

$$2,298 = 2,000 + 200 + 90 + 8$$

$$4,987 = 4,000 + 900 + 80 + 7$$

$$8,444 = 8,000 + 400 + 40 + 4$$

$$3,985 = 3,000 + 900 + 80 + 5$$

$$1,750 = 1,000 + 700 + 50$$



$$7,544 = 7,000 + 500 + 40 + 4$$

$$8,897 = 8,000 + 800 + 90 + 7$$

$$4,567 = 4,000 + 500 + 60 + 7$$

$$4,887 = 4,000 + 800 + 80 + 7$$

$$2,198 = 2,000 + 100 + 90 + 8$$

$$3,000 = 3,000 + 0 + 0 + 0$$

$$4,987 = 4,000 + 900 + 80 + 7$$

$$8,888 = 8,000 + 800 + 80 + 8$$

$$3,911 = 3,000 + 900 + 10 + 1$$

$$3,929 = 3,000 + 900 + 20 + 9$$

## Rounding off to the nearest ten

Round the following numbers off to the nearest ten

$$115 \underline{120}$$

$$50 \underline{50}$$

$$14 \underline{10}$$

$$31 \underline{31}$$

$$65 \underline{70}$$

$$467 \underline{470}$$

$$134 \underline{130}$$

$$92 \underline{90}$$

$$228 \underline{230}$$

$$237 \underline{240}$$

$$135 \underline{140}$$

$$118 \underline{120}$$

$$23 \underline{20}$$

$$299 \underline{300}$$

$$34 \underline{30}$$

$$44 \underline{40}$$

$$1 \underline{0}$$

$$679 \underline{680}$$

$$3 \underline{0}$$

$$40 \underline{40}$$

$$999 \underline{1,000}$$

$$102 \underline{100}$$

$$301 \underline{300}$$

$$85 \underline{90}$$

$$205 \underline{210}$$

$$89 \underline{90}$$

$$200 \underline{200}$$

$$333 \underline{330}$$

$$15 \underline{20}$$

$$155 \underline{160}$$

$$99 \underline{100}$$

$$499 \underline{500}$$

$$55 \underline{60}$$



## Rounding off to the nearest hundred

Round the following numbers off to the nearest hundred

$$750 \underline{800}$$

$$249 \underline{200}$$

$$1,214 \underline{1,200}$$

$$1,549 \underline{1,500}$$

$$65 \underline{100}$$

$$23 \underline{0}$$

$$980 \underline{1,000}$$

$$750 \underline{800}$$

$$749 \underline{700}$$

$$460 \underline{500}$$

$$230 \underline{200}$$

$$830 \underline{800}$$

$$3,202 \underline{3,200}$$

$$6,879 \underline{6,900}$$

$$3,098 \underline{3,100}$$

$$44 \underline{0}$$

$$79 \underline{100}$$

$$14 \underline{0}$$

$$2,229 \underline{2,200}$$

$$5,766 \underline{5,800}$$

$$5,102 \underline{5,100}$$

$$102 \underline{100}$$

$$333 \underline{300}$$

$$192 \underline{200}$$

$$876 \underline{900}$$

$$245 \underline{200}$$

$$257 \underline{300}$$

$$4,251 \underline{4,300}$$

$$9,949 \underline{9,900}$$

$$4,099 \underline{4,100}$$

$$299 \underline{300}$$

$$309 \underline{300}$$

$$125 \underline{100}$$



## Rounding off to the nearest thousand

Round the following numbers off to the nearest thousand

12,214	<u>12,000</u>	18,500	<u>19,000</u>
23,514	<u>24,000</u>	12,499	<u>12,000</u>
87,004	<u>87,000</u>	35,890	<u>36,000</u>
23,876	<u>24,000</u>	45,499	<u>45,000</u>
44,650	<u>45,000</u>	12,601	<u>13,000</u>
11,400	<u>11,000</u>	21,508	<u>22,000</u>
34,765	<u>35,000</u>	22,876	<u>23,000</u>
99,099	<u>99,000</u>	67,801	<u>68,000</u>
85,088	<u>85,000</u>	76,430	<u>76,000</u>
44,499	<u>44,000</u>	12,001	<u>12,000</u>
87,333	<u>87,000</u>	44,941	<u>45,000</u>
98,005	<u>98,000</u>	45,009	<u>45,000</u>



## Rounding off mix

Complete the table

Number	Round of the nearest:		
	Ten	Hundred	Thousand
345	350	300	0
1,245	1,250	1,200	1,000
99	100	100	0
9,987	9,990	10,000	10,000
4,560	4,560	4,600	5,000
749	750	700	1,000
3,456	3,460	3,500	3,000
301	300	300	0
9	10	0	0
999	1,000	1,000	1,000
5,761	5,760	5,800	6,000
4,098	4,100	4,100	4,000
3,987	3,990	4,000	4,000
51	50	100	0
4,049	4,050	4,000	4,000

## Rounding off mix

Complete the table

Number	Round of the nearest:		
	Ten	Hundred	Thousand
555	560	600	1,000
1,298	1,300	1,300	1,000
45	50	0	0
5,876	5,880	5,900	6,000
4,009	4,010	4,000	4,000
851	850	900	1,000
3,288	3,290	3,300	3,000
904	900	900	1,000
6	10	0	0
884	880	900	1,000
5,546	5,550	5,500	6,000
4,541	4,540	4,600	5,000
3,499	3,500	3,500	3,000
48	50	0	0
4,345	4,450	4,300	4,000

## Finding factors

Find the factors of the following numbers:



18	<u>1, 2, 3, 6, 9, 18</u>
25	<u>1, 5, 25</u>
16	<u>1, 2, 4, 8, 16</u>
45	<u>1, 3, 5, 9, 15, 45</u>
20	<u>1, 2, 4, 5, 10, 20</u>
64	<u>1, 2, 4, 8, 16, 32, 64</u>
15	<u>1, 3, 5, 15</u>
12	<u>1, 2, 3, 4, 6, 12</u>
28	<u>1, 2, 4, 7, 14, 28</u>
10	<u>1, 2, 5, 10</u>
35	<u>1, 5, 7, 35</u>
40	<u>1, 2, 4, 5, 8, 10, 20, 40</u>
42	<u>1, 2, 3, 6, 7, 14, 21, 42</u>
32	<u>1, 2, 4, 8, 16, 32</u>
39	<u>1, 3, 13, 39</u>
24	<u>1, 2, 3, 4, 6, 8, 12, 24</u>
45	<u>1, 3, 5, 9, 15, 45</u>
100	<u>1, 2, 4, 5, 10, 20, 25, 50, 100</u>
63	<u>1, 3, 7, 9, 21, 63</u>
22	<u>1, 2, 11, 22</u>
21	<u>1, 3, 7, 21</u>
50	<u>1, 2, 5, 10, 25, 50</u>

## Finding common multiples

Find the first common multiple of:

$2 \text{ and } 3 \quad \underline{6}$

$1 \text{ and } 8 \quad \underline{8}$

$3 \text{ and } 4 \quad \underline{12}$

$2 \text{ and } 6 \quad \underline{6}$

$2 \text{ and } 5 \quad \underline{10}$

$8 \text{ and } 6 \quad \underline{24}$

$3 \text{ and } 5 \quad \underline{15}$

$8 \text{ and } 2 \quad \underline{8}$

$7 \text{ and } 9 \quad \underline{63}$

$3 \text{ and } 6 \quad \underline{6}$

$8 \text{ and } 7 \quad \underline{56}$

$5 \text{ and } 1 \quad \underline{5}$

$1 \text{ and } 6 \quad \underline{6}$

$8 \text{ and } 5 \quad \underline{40}$

$9 \text{ and } 5 \quad \underline{45}$

$3 \text{ and } 7 \quad \underline{21}$

$4 \text{ and } 6 \quad \underline{12}$

$9 \text{ and } 6 \quad \underline{18}$

$4 \text{ and } 5 \quad \underline{20}$

$5 \text{ and } 7 \quad \underline{35}$

$1 \text{ and } 3 \quad \underline{3}$

$3 \text{ and } 9 \quad \underline{9}$

$9 \text{ and } 4 \quad \underline{36}$

$8 \text{ and } 6 \quad \underline{24}$

$2 \text{ and } 9 \quad \underline{18}$

$6 \text{ and } 5 \quad \underline{30}$

$6 \text{ and } 7 \quad \underline{42}$

$8 \text{ and } 3 \quad \underline{24}$

$8 \text{ and } 9 \quad \underline{72}$

$2 \text{ and } 8 \quad \underline{8}$

$9 \text{ and } 1 \quad \underline{9}$

$7 \text{ and } 2 \quad \underline{14}$

$1 \text{ and } 2 \quad \underline{2}$



## Mixed multiplication and addition

Calculate

$6 \times 18 + 125 = 233$

$4 \times 66 + 305 = 569$

$4 \times 23 + 115 = 207$

$7 \times 54 + 109 = 487$

$2 \times 45 + 223 = 313$

$9 \times 21 + 154 = 343$



$7 \times 22 + 678 = 832$

$8 \times 37 + 207 = 503$

$3 \times 19 + 432 = 489$

$6 \times 16 + 432 = 528$

$3 \times 16 + 432 = 480$

$5 \times 40 + 700 = 900$

$8 \times 11 + 789 = 877$

$8 \times 22 + 671 = 847$

$4 \times 13 + 327 = 379$

$9 \times 25 + 145 = 370$

$5 \times 25 + 436 = 561$

$2 \times 17 + 675 = 709$

$5 \times 12 + 456 = 516$

$7 \times 30 + 332 = 542$

$6 \times 21 + 335 = 461$

$4 \times 18 + 765 = 837$

$3 \times 30 + 456 = 546$

$5 \times 54 + 543 = 813$

$3 \times 15 + 123 = 168$

$6 \times 13 + 765 = 843$

$4 \times 66 + 222 = 486$

$6 \times 14 + 105 = 189$

$2 \times 26 + 312 = 364$

$7 \times 32 + 580 = 804$

$5 \times 25 + 135 = 260$

$9 \times 14 + 109 = 235$

$6 \times 11 + 654 = 720$

$2 \times 19 + 477 = 515$

## Mixed multiplication and subtraction

Calculate

$9 \times 88 - 345 = 447$

$3 \times 56 - 105 = 63$



$6 \times 33 - 115 = 83$

$7 \times 51 - 109 = 248$

$3 \times 65 - 123 = 72$

$9 \times 22 - 154 = 44$

$7 \times 72 - 328 = 176$

$4 \times 37 - 107 = 41$

$8 \times 59 - 232 = 240$

$6 \times 96 - 432 = 144$

$9 \times 16 - 132 = 12$

$9 \times 40 - 200 = 160$

$8 \times 65 - 229 = 291$

$8 \times 42 - 171 = 165$

$8 \times 53 - 327 = 97$

$9 \times 75 - 134 = 541$

$5 \times 75 - 226 = 149$

$9 \times 47 - 275 = 148$

$5 \times 52 - 116 = 144$

$9 \times 30 - 232 = 38$

$9 \times 41 - 335 = 34$

$4 \times 88 - 265 = 87$

$7 \times 70 - 156 = 334$

$5 \times 54 - 143 = 127$

$8 \times 45 - 123 = 237$

$8 \times 73 - 265 = 319$

$9 \times 66 - 222 = 372$

$6 \times 44 - 105 = 159$

$7 \times 66 - 312 = 150$

$7 \times 32 - 180 = 44$

$9 \times 25 - 100 = 125$

$9 \times 34 - 209 = 97$

$9 \times 91 - 654 = 165$

$8 \times 39 - 177 = 135$

## Mixed division and multiplication

Calculate

$130 \div 5 \times 9 = 234$

$165 \div 3 \times 9 = 495$



$148 \div 4 \times 6 = 222$

$328 \div 8 \times 4 = 164$

$455 \div 7 \times 5 = 325$

$588 \div 6 \times 3 = 294$

$396 \div 6 \times 3 = 198$

$100 \div 4 \times 5 = 125$

$480 \div 5 \times 4 = 384$

$186 \div 3 \times 9 = 558$

$196 \div 2 \times 7 = 686$

$154 \div 2 \times 8 = 616$

$336 \div 8 \times 7 = 294$

$200 \div 8 \times 4 = 100$

$141 \div 3 \times 9 = 423$

$140 \div 4 \times 7 = 245$

$585 \div 9 \times 5 = 325$

$510 \div 6 \times 5 = 425$

$252 \div 7 \times 3 = 108$

$425 \div 5 \times 9 = 765$

$483 \div 7 \times 9 = 621$

$392 \div 4 \times 7 = 686$

$318 \div 6 \times 8 = 424$

$288 \div 4 \times 7 = 504$

$261 \div 3 \times 8 = 696$

$435 \div 5 \times 7 = 609$

$435 \div 5 \times 4 = 348$

$345 \div 5 \times 4 = 276$

$134 \div 2 \times 9 = 603$

$147 \div 7 \times 6 = 126$

$264 \div 3 \times 7 = 616$

$465 \div 5 \times 6 = 558$

$144 \div 3 \times 8 = 384$