

32 Count

# Solving Two-Step Equations Task Cards

created by:

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18  
Solve for a.  
$$-11 = -9 + \frac{a}{3}$$

19  
Solve for x.  
$$\frac{x}{-4} + 4 = 8$$

8  
Solve for z.  
$$-6z - 4 = -22$$

26  
Solve for p.  
$$\frac{3}{4}p - 8 = 12$$

29  
Solve for b.  
$$15b - 2 = 43$$

24  
Solve for v.  
$$32 = 5 + \frac{v}{9}$$

18  
Solve for a.  
 $-11 = -9 + \frac{a}{3}$

8  
Solve for z.  
 $-6z - 4 = -22$

# Solving Equations Task Cards



32 Count

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# Table of Contents

TPT Cover Page.....	1	Cards 25-28 (Orange).....	14
Cover Page.....	2	Cards 29-32 (Blue).....	15
Table of Contents 1.....	3	<b>Black/White Cards Cover..</b>	<b>16</b>
Table of Contents 2.....	4	Cards 1-4 (B+W).....	17
How to use the resource...	5	Cards 5-8 (B+W).....	18
<b>2 Options for Card Color...</b>	<b>6</b>	Cards 9-12 (B+W).....	19
<b>Colored Cards Cover.....</b>	<b>7</b>	Cards 13-16 (B+W).....	20
Cards 1-4 (Pink).....	8	Cards 17-20 (B+W).....	21
Cards 5-8 (Green).....	9	Cards 21-24 (B+W).....	22
Cards 9-12 (Orange).....	10	Cards 25-28 (B+W).....	23
Cards 13-16 (Blue).....	11	Cards 29-32 (B+W).....	24
Cards 17-20 (Pink).....	12	<b>3 Recording Sheet Options</b>	<b>25</b>
Cards 21-24 (Green).....	13		

# Table of Contents

Option 1: 1-32 (1page)..... 25

Option 2: 1-16 (p1)..... 26

Option 2: 17-32 (p2)..... 27

Option 3: 1-8 (p1)..... 28

Option 3: 9-16 (p2)..... 29

Option 3: 17-24 (p3)..... 30

Option 3: 25-32 (p4)..... 31

**Print Your Needed Key(s).. 32**

Option 1: 1-32 (1 page)..... 33

Option 2: 1-16 (p1)..... 34

Option 2: 17-32 (p2)..... 35

Option 3: 1-8 (p1)..... 36

Option 3: 9-16 (p2)..... 37

Option 3: 17-24 (p3)..... 38

Option 3: 25-32 (p4)..... 39

Credits..... 40

Ads..... 41

Thank You & Author Info... 42



# How can you use this resource?

## Use Like My Station Activities:

- Cut out and laminate stations so you can use them every class period and every year!
- I typically have students work in partners, but BOTH of them have to fill out the student information sheet, showing work. Students could also work individually. I have found that working with more than one person gets too crowded, and some students skate by without participating at all.
- Each group will start at a station. They will be given a certain amount of time to complete each task. At the end of the time, they will switch to the next station. *Example:* If a student starts at station 1, they will go to station 2. If they are at station 32, they will go to station 1. *Note: Not all of the stations must be used.*
- There should never be more than two people at a station (unless you have more than 40 students...).
- Encourage (or require) students to write down EVERY problem so that if they run out of time on one station, they can finish earlier problems at another station.
- Give students a specific time to complete each task. Typically I choose a time between 1 and two minutes. Use a timer that goes off to help students know when to switch stations. This way, when the timer goes off, students will just get up and move without direction. *Determine the amount of time based on the skill set of each group. I give some classes more time than others if needed. If I start with 2 minutes and all of the students are finishing quickly, I will decrease the time as we go. Usually 2 minutes is too much!*

I use this resource every year in the middle school math classroom. It can take up to 64 minutes (not including giving directions) if all of the stations are used for 2 minutes each.

### Assessment/Grading:

I observe the students during the activity and offer help if needed. After the activity, I collect their worksheet. This activity can be graded on accuracy or for effort or completion. If grading for effort/completion, make sure that the students show work and attempt all questions!

## Other Uses:

Warm-Ups  
Bell Ringers  
Task Cards  
Math Centers  
I.P.  
(Independent Practice)  
Quizzes  
Homework  
T.O.D.s  
(Ticket Out the Door)

and more! 5

# Two Options for Card Color

Color:

OR

Black & White:



# Solving Two-Step Equations with Integers

8

Solve for z.

$$-6z - 4 = -22$$

1

Solve for x.

$$\frac{x}{-4} + 4 = 8$$

26

Solve for p.

$$\frac{3}{4}p - 8 = 12$$

29

Solve for b.

$$5 = \frac{b}{6} - 15$$

32

Task

Cards

in

Color

1

Solve for  $x$ .

$$\frac{x}{-4} + 4 = 8$$

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2

Solve for  $m$ .

$$-2 - 2m = -20$$

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3

Solve for  $b$ .

$$-3 = -3 - 57b$$

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4

Solve for  $d$ .

$$2d - 9 = 25$$

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5

Solve for  $y$ .

$$\frac{y}{3} - 2 = \frac{2}{3}$$

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6

Solve for  $c$ .

$$-9 - 3c = 18$$

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7

Solve for  $a$ .

$$2 = 4 + \frac{a}{6}$$

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8

Solve for  $z$ .

$$-6z - 4 = -22$$

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9

Solve for  $n$ .

$$4n - 16 = -36$$

10

Solve for  $p$ .

$$-15 - 2p = -65$$

11

Solve for  $q$ .

$$\frac{q}{3} + 16 = 48$$

12

Solve for  $g$ .

$$8 - 3g = -10$$

13

Solve for  $h$ .

$$-12 + \frac{h}{-4} = -16$$

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14

Solve for  $e$ .

$$-5e - 3 = 7$$

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15

Solve for  $r$ .

$$\frac{r}{3} + 7 = 12$$

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16

Solve for  $u$ .

$$-12 - 5u = 3$$

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17

Solve for  $y$ .

$$9 - 3y = -6$$

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18

Solve for  $a$ .

$$-11 = -9 + \frac{a}{3}$$

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19

Solve for  $g$ .

$$-4g - 4 = -40$$

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20

Solve for  $r$ .

$$\frac{r}{2} - 16 = -18$$

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21

Solve for  $b$ .

$$-6b - 3 = 21$$

22

Solve for  $z$ .

$$18z - 13 = -4$$

23

Solve for  $u$ .

$$-12 + \frac{u}{-4} = -5$$

24

Solve for  $v$ .

$$32 = 5 + \frac{v}{9}$$

25

Solve for  $c$ .

$$-13 = -2c - 1$$

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26

Solve for  $p$ .

$$\frac{3}{4}p - 8 = 12$$

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27

Solve for  $g$ .

$$\frac{g}{-5} + 7 = 1$$

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28

Solve for  $d$ .

$$-7d + 4 = -10$$

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29

Solve for  $b$ .

$$5 = \frac{b}{6} - 15$$

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30

Solve for  $m$ .

$$7 = -3 - 5m$$

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31

Solve for  $x$ .

$$-12 - 7x = -33$$

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32

Solve for  $y$ .

$$-\frac{1}{9}y - 5 = -6$$

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# Solving Two-Step Equations with Integers

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24

Solve for  $v$ .

$$32 = 5 + \frac{v}{9}$$

18

Solve for  $a$ .

$$-11 = -9 + \frac{a}{3}$$

32  
Count

Black  
and  
White

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1

Solve for  $x$ .

$$\frac{x}{-4} + 4 = 8$$

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2

Solve for  $m$ .

$$-2 - 2m = -20$$

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3

Solve for  $b$ .

$$-3 = -3 - 57b$$

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4

Solve for  $d$ .

$$2d - 9 = 25$$

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5

Solve for  $y$ .

$$\frac{y}{3} - 2 = \frac{2}{3}$$

6

Solve for  $c$ .

$$-9 - 3c = 18$$

7

Solve for  $a$ .

$$2 = 4 + \frac{a}{6}$$

8

Solve for  $z$ .

$$-6z - 4 = -22$$

9

Solve for  $n$ .

$$4n - 16 = -36$$

10

Solve for  $p$ .

$$-15 - 2p = -65$$

11

Solve for  $q$ .

$$\frac{q}{3} + 16 = 48$$

12

Solve for  $g$ .

$$8 - 3g = -10$$

13

Solve for  $h$ .

$$-12 + \frac{h}{-4} = -16$$

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14

Solve for  $e$ .

$$-5e - 3 = 7$$

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15

Solve for  $r$ .

$$\frac{r}{3} + 7 = 12$$

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16

Solve for  $u$ .

$$-12 - 5u = 3$$

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17

Solve for  $y$ .

$$9 - 3y = -6$$

18

Solve for  $a$ .

$$-11 = -9 + \frac{a}{3}$$

19

Solve for  $g$ .

$$-4g - 4 = -40$$

20

Solve for  $r$ .

$$\frac{r}{2} - 16 = -18$$

21

Solve for  $b$ .

$$-6b - 3 = 21$$

22

Solve for  $z$ .

$$18z - 13 = -4$$

23

Solve for  $u$ .

$$-12 + \frac{u}{-4} = -5$$

24

Solve for  $v$ .

$$32 = 5 + \frac{v}{9}$$

25

Solve for  $c$ .

$$-13 = -2c - 1$$

26

Solve for  $p$ .

$$\frac{3}{4}p - 8 = 12$$

27

Solve for  $g$ .

$$\frac{g}{-5} + 7 = 1$$

28

Solve for  $d$ .

$$-7d + 4 = -10$$

29

Solve for  $b$ .

$$5 = \frac{b}{6} - 15$$

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30

Solve for  $m$ .

$$7 = -3 - 5m$$

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31

Solve for  $x$ .

$$-12 - 7x = -33$$

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32

Solve for  $y$ .

$$-\frac{1}{9}y - 5 = -6$$

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# Three Options for Recording Sheets

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

### Solving Two-Step Equations Task Cards 1-32

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	19.
17.	18.	23.	
21.	22.	27.	
25.	26.	31.	
29.	30.		

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Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

### Solving Two-Step Equations Task Cards 1-16

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.

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Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

### Solving Two-Step Equations Task Cards 1-8

1.	2.	3.	4.
	6.		
	8.		

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# Solving Two- Step Equations Task Cards 1-32

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17.	18.	19.	20.
21.	22.	23.	24.
25.	26.	27.	28.
29.	30.	31.	32.

# Solving Two- Step Equations Task Cards 1-16

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.

# Solving Two- Step Equations Task Cards 17-32

17.	18.	19.	20.
21.	22.	23.	24.
25.	26.	27.	28.
29.	30.	31.	32.

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

## Solving Two- Step Equations Task Cards 1-8

1.	2.
3.	4.
5.	6.
7.	8.

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

## Solving Two- Step Equations Task Cards 9-16

9.	10.
11.	12.
13.	14.
15.	16.

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

## Solving Two- Step Equations Task Cards 17-24

17.	18.
19.	20.
21.	22.
23.	24.

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_

## Solving Two- Step Equations Task Cards 25-32

25.

26.

27.

28.

29.

30.

31.

32.



# Print the Answer Key(s) You Need!

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_ **Answer Key**

**Solving Two- Step Equations Task Cards 1-32**

1. <b>-16</b>	2. <b>9</b>	3. <b>0</b>	4. <b>17</b>
5. $2.\bar{6} = \frac{8}{3} = 2\frac{2}{3}$	6. <b>-9</b>	7. <b>-12</b>	8. <b>3</b>
9. <b>-5</b>	10. <b>25</b>	11. <b>96</b>	12. <b>6</b>
13. <b>16</b>	14. <b>-2</b>	15. <b>15</b>	16. <b>-3</b>
17. <b>5</b>	18. <b>-6</b>	19. <b>9</b>	20. <b>-4</b>
21. <b>-4</b>	22. $0.5 = \frac{1}{2}$	23. <b>-28</b>	24. <b>243</b>
25. <b>6</b>	26. $26.\bar{6} = 26\frac{2}{3} = \frac{80}{3}$	27. <b>30</b>	28. <b>2</b>
29. <b>20</b>	30. <b>-2</b>	31. <b>3</b>	32. <b>9</b>

Period \_\_\_\_\_ Name \_\_\_\_\_ **Answer Key**

**Solving Two- Step Equations Task Cards 1-16**

	2.	3.	4.
<b>-16</b>	<b>9</b>	<b>0</b>	<b>17</b>
$\frac{8}{3} = 2\frac{2}{3}$	<b>-9</b>	<b>-12</b>	<b>3</b>
<b>-5</b>	<b>25</b>	<b>96</b>	<b>6</b>
<b>16</b>	<b>-2</b>	<b>15</b>	<b>-3</b>

Date \_\_\_\_\_ Period \_\_\_\_\_ Name \_\_\_\_\_ **Answer Key**

**Solving Two- Step Equations Task Cards 1-8**

	2.
<b>-16</b>	<b>9</b>
<b>0</b>	<b>17</b>
$2.\bar{6} = \frac{8}{3} = 2\frac{2}{3}$	<b>-9</b>
<b>-12</b>	<b>3</b>

Date \_\_\_\_\_

Period \_\_\_\_\_

Name \_\_\_\_\_

**Answer Key**

# Solving Two- Step Equations Task Cards 1-32

1. <b>-16</b>	2. <b>9</b>	3. <b>0</b>	4. <b>17</b>
5. $2.\bar{6} = \frac{8}{3} = 2\frac{2}{3}$	6. <b>-9</b>	7. <b>-12</b>	8. <b>3</b>
9. <b>-5</b>	10. <b>25</b>	11. <b>96</b>	12. <b>6</b>
13. <b>16</b>	14. <b>-2</b>	15. <b>15</b>	16. <b>-3</b>
17. <b>5</b>	18. <b>-6</b>	19. <b>9</b>	20. <b>-4</b>
21. <b>-4</b>	22. $0.5 = \frac{1}{2}$	23. <b>-28</b>	24. <b>243</b>
25. <b>6</b>	26. $26.\bar{6} = 26\frac{2}{3} = \frac{80}{3}$	27. <b>30</b>	28. <b>2</b>
29. <b>20</b>	30. <b>-2</b>	31. <b>3</b>	32. <b>9</b>

## Solving Two- Step Equations Task Cards 1-16

1.	2.	3.	4.
<b>-16</b>	<b>9</b>	<b>0</b>	<b>17</b>
5.	6.	7.	8.
$2.\bar{6} = \frac{8}{3} = 2\frac{2}{3}$	<b>-9</b>	<b>-12</b>	<b>3</b>
9.	10.	11.	12.
<b>-5</b>	<b>25</b>	<b>96</b>	<b>6</b>
13.	14.	15.	16.
<b>16</b>	<b>-2</b>	<b>15</b>	<b>-3</b>

# Solving Two- Step Equations Task Cards 17-32

17.          <b>5</b>	18.          <b>-6</b>	19.          <b>9</b>	20.          <b>-4</b>
21.          <b>-4</b>	22.          $0.5 = \frac{1}{2}$	23.          <b>-28</b>	24.          <b>243</b>
25.          <b>6</b>	26.          $26.\bar{6} = 26\frac{2}{3} = \frac{80}{3}$	27.          <b>30</b>	28.          <b>2</b>
29.          <b>20</b>	30.          <b>-2</b>	31.          <b>3</b>	32.          <b>9</b>

Date \_\_\_\_\_

Period \_\_\_\_\_

Name \_\_\_\_\_

**Answer Key****Solving Two- Step Equations Task Cards 1-8**

1.          <b>-16</b>	2.          <b>9</b>
3.          <b>0</b>	4.          <b>17</b>
5.          <b><math>2.\bar{6} = \frac{8}{3} = 2\frac{2}{3}</math></b>	6.          <b>-9</b>
7.          <b>-12</b>	8.          <b>3</b>

Date \_\_\_\_\_

Period \_\_\_\_\_

Name \_\_\_\_\_

# Answer Key

## Solving Two- Step Equations Task Cards 9-16

9.	10.
<b>-5</b>	<b>25</b>
11.	12.
<b>96</b>	<b>6</b>
13.	14.
<b>16</b>	<b>-2</b>
15.	16.
<b>15</b>	<b>-3</b>

Date \_\_\_\_\_

Period \_\_\_\_\_

Name \_\_\_\_\_

# Solving Two- Step Equations Task Cards 17-24

17.          <b>5</b>	18.          <b>-6</b>
19.          <b>9</b>	20.          <b>-4</b>
21.          <b>-4</b>	22.          <b><math>0.5 = \frac{1}{2}</math></b>
23.          <b>-28</b>	24.          <b>243</b>

Date \_\_\_\_\_

Period \_\_\_\_\_

Name \_\_\_\_\_

**Answer Key****Solving Two- Step Equations Task Cards 25-32**

25.          <b>6</b>	26.          $26.\bar{6} = 26\frac{2}{3} = \frac{80}{3}$
27.          <b>30</b>	28.          <b>2</b>
29.          <b>20</b>	30.          <b>-2</b>
31.          <b>3</b>	32.          <b>9</b>



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