

keep scrolling to get  
a sneak peek!

Help your 7<sup>th</sup> Grade students  
practice **solving one and  
two step equations** with this  
task card activity! Your  
students are going to love  
this self-checking activity!

# SOLVING ONE & TWO STEP EQUATIONS

## 16 Task Cards

The image shows a collage of educational materials. At the top is a yellow banner with the title 'SOLVING ONE & TWO STEP EQUATIONS' and '16 Task Cards'. Below this is a 'RECORDING SHEET' titled 'SOLVING ONE & TWO STEP EQUATIONS RECORDING SHEET' with an 'ANSWER KEY' section. The recording sheet contains several problems with handwritten solutions in red ink. Problem 9:  $4 + p = 1$ , solution  $p = 12$ . Problem 10:  $-2 = -9 + x$ , solution  $x = 19$ . Problem 11:  $9(n - 2) = 18$ , solution  $n = 4$ . Problem 13:  $9 = \frac{n}{4} + 11$ , solution  $n = 8$ . Problem 14:  $\frac{n}{-2} - 6 = 3$ , solution  $n = -18$ . Problem 15:  $20y = 280$ , solution  $y = 14$ . Problem 16:  $15 + 7m = -14$ , solution  $m = -20$ . Problem 4:  $-2 = -11 + p$ , solution  $p = 9$ . Problem 5:  $12 = \frac{x}{3}$ , solution  $x = 36$ . A logo for 'Math with Ms. Rivera' is in the bottom left of the collage. A copyright notice '© Malia Rivera 2025' is in the bottom right of the collage.

Answers printed on the back!

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Why do you need this?



Task cards are an effective, low-prep way to create engaging and interactive learning experience



Task cards are very versatile because they cater to a wide range of student needs

# Solving 1 & 2-Step Equations Task Cards

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Pd: \_\_\_\_\_

## SOLVING ONE & TWO STEP EQUATIONS RECORDING SHEET

Directions: Solve each equation. Show your work in the boxes below.

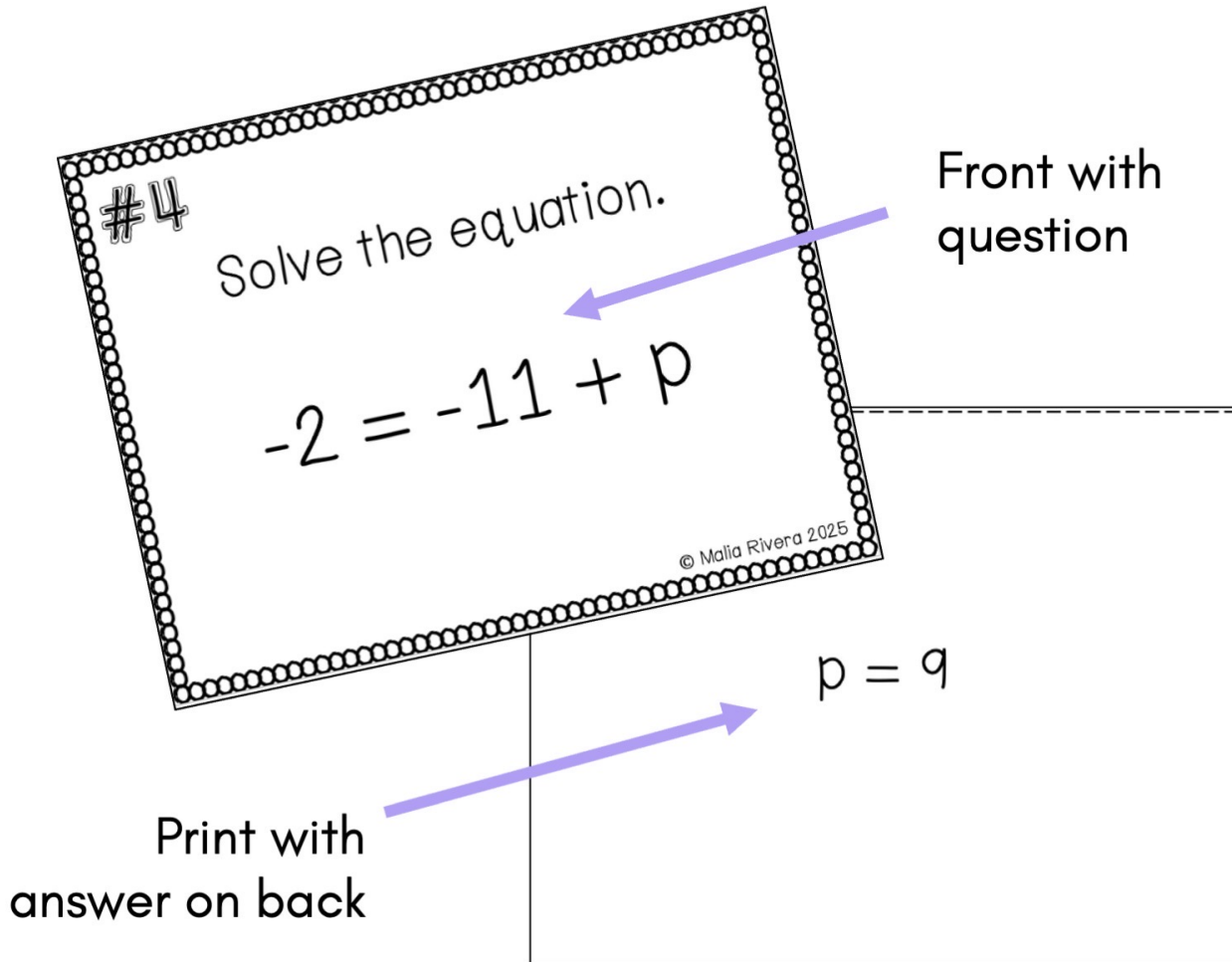
1	2	3	4
5	6	7	

#11  
Solve the equation.  
 $9(n - 9) = 45$

#1  
Solve the equation.  
 $11 = x - (-20)$

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# Simple Interest Task Cards includes:



- ✓ set of 16 task cards
- ✓ a recording sheet for students to show their work
- ✓ a detailed answer key
- ✓ Printing tips to print the answers on the back of the corresponding question cards

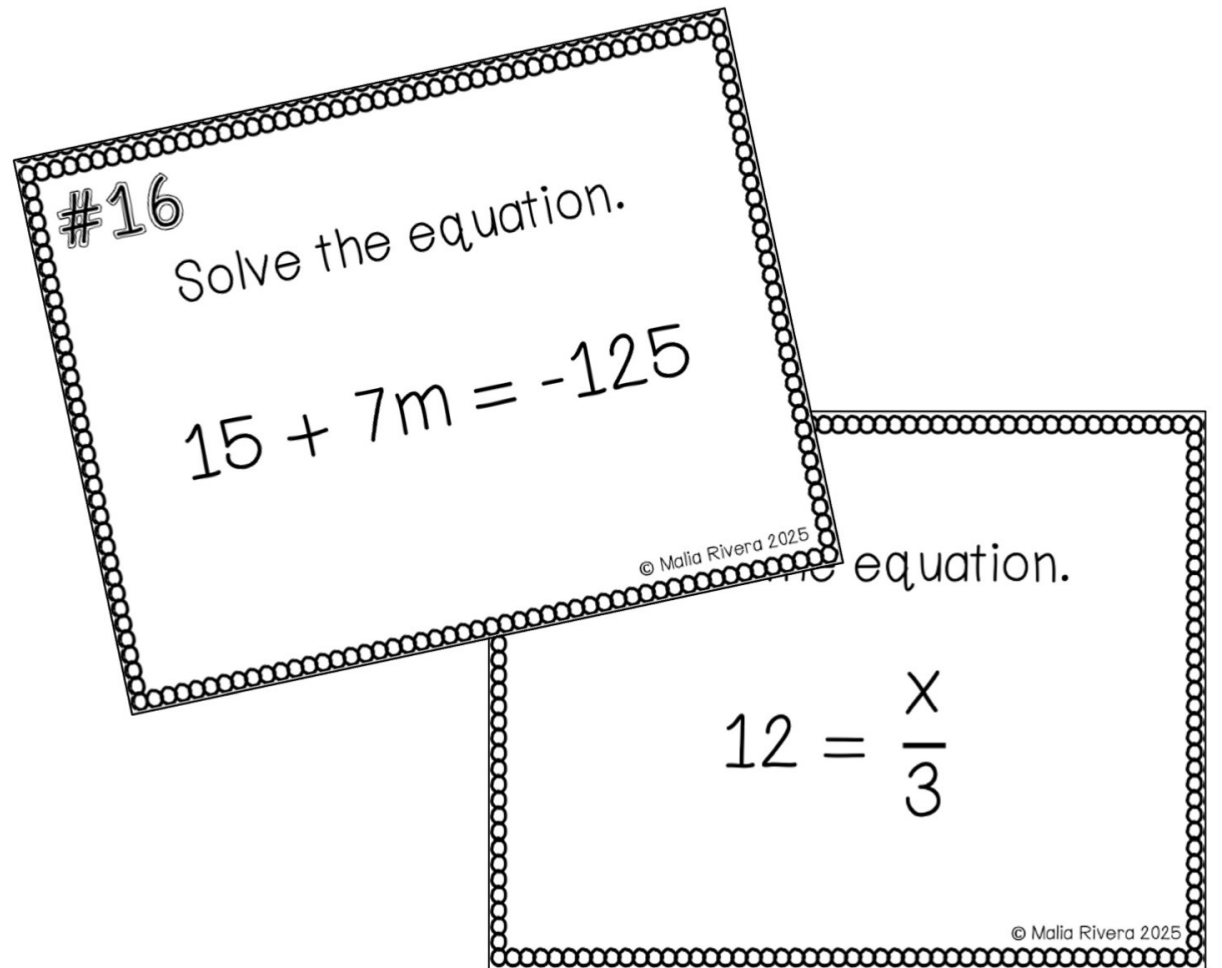
# Simple Interest Task Cards

standards covered:

**CCSS:** 6.EE.B.5, 7.EE.B.4a

**TEKs:** 6.10.A, 7.11.A

**VA SOLs:** PFA.6.13, PFA.7.12



# how to use this resource

**ANSWER KEY**  
**SOLVING ONE & TWO STEP EQUATIONS RECORDING SHEET**  
Directions: Solve each equation. Show your work in the boxes below.

<b>9</b> $\frac{4+p}{16} = 1$ $\cdot 16 \quad \cdot 16$ $4 + p = 16$ $-4 \quad -4$ $\boxed{p = 12}$	<b>10</b> $-2 = \frac{-9+x}{14}$ $\cdot 14 \quad \cdot 14$ $-28 = -9 + x$ $+9 \quad +9$ $\boxed{x = 19}$	<b>11</b> $\frac{9(n-9)=45}{9}$ $n-9 = 5$ $+9 \quad +9$ $\boxed{n = 14}$	<b>12</b> $-19 = -(-3+a)$ $-19 = 3 - a$ $-3 \quad -3$ $\frac{-21 = -a}{-1}$ $\boxed{a = 21}$
<b>15</b> $20y - 10 = 310$ $+10 \quad +10$ $20y = 320$	<b>16</b> $15 + 7m = -125$ $-15 \quad -15$ $7m = -140$		

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## TIPS FOR USE

When printing this set of task cards, be sure to select "short-edged binding" when printing on both sides. This will allow the answers to be printing on the back of the corresponding card.

After printing, I highly recommend laminating the task cards to they can be used in the future.

their work on  
to can

**#11**  
Solve the equation.  
$$9(n - 9) = 45$$

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This is a great individual practice activity to use when reviewing how to **solve one and two step equations**.

You can also use this in small groups, match centers, or as a scavenger hunt.

This is also a **substitute-friendly** assignment!

You may also enjoy ...

## TWO STEP EQUATIONS REVIEW

### March Math-ness Stations

**STATION 2: DRIZZLE, DRIZZLE, SHOOT!**  
 Each jersey that a coach orders costs \$15. Juan has time to buy only five of them. If this total cost is \$120, how many jerseys did the coach buy?

**STATION 3: FULL COURT PUZZLE**  
 \*\*TEACHERS - CUT OUT BEFORE GIVING TO STUDENTS. THIS IS THE ANSWER KEY

**Normal 2 Point**  
 Solve:  
 $5x + 7 =$   
 $-2x - 63 = 47$   
 Solve:  
 $-15 = \frac{x}{4} + 14$

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## TWO STEP EQUATIONS VIRTUAL ALGEBRA TILES

Solving Two-Step Equations with Algebra Tiles

$3x - 2 = 4$

Drag & Drop the Algebra Tiles model the equation and solve.

Write your answer in the box:  $x = 2$

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## SOLVING TWO-STEP EQUATIONS PIXEL ART

#	Equation	Answer
1	$2x + 2 = 16$	
2	$\frac{x}{5} + 10 = 8$	
3	$\frac{10+x}{27} = 1$	
4	$-25 = -5 - 5x$	
5	$\frac{x}{6} - 1 = 2$	
6	$6 = 8 + \frac{x}{6}$	
7	$14 = -x + 2$	
8	$2 = \frac{x+7}{6}$	
9	$21 = 9x - 6$	
10	$8 = 10 + \frac{x}{7}$	

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Self-Checking

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# Free Algebra Activities!

When you join my email list, I'll send you a free Algebra print & digital self-checking activities. There is an Algebra 1 and Algebra 2 version!

You'll also be getting exclusive freebies and content to help your Algebra students be successful this school year!

check it out!

**Answer Key**  
Name: \_\_\_\_\_ Date: \_\_\_\_\_  
**ADDING & SUBTRACTING RATIONAL EXPRESSIONS**  
Directions: Add or subtract the rational expressions. Show your work.

**Solving Systems of Equations**  
Date: \_\_\_\_\_  
Solve systems of equations using substitution or elimination. Check your solution.  
2.  $2x - 6y = -18$   
 $x = 3y - 9$   
 $2(3y - 9) - 6y = -18$   
 $6y - 18 - 6y = -18$   
 $-18 = -18$   
infinitely many solutions

**ANSWER KEY**  
Solving Systems of Equations  
Date: \_\_\_\_\_  
Solve systems of equations using substitution or elimination. Check your solution.  
 $y = 2 + 5$   
 $y = 7$   
 $(2, 7)$

**Rational Expression Operations - Addition & Subtraction**  
Directions: Answer each question and type the question number with the matching answer in the answer column to the right.

#	Question	Answer	Type the matching question numbers here
1	$\frac{5}{x} + \frac{3}{x+1}$	$\frac{2x+1}{x+2}$	
2	$\frac{2}{x+4} - \frac{x^2}{x^2-16}$	$-\frac{1}{x^2-1}$	
3	$\frac{x+2}{x^2+4x+4} + \frac{2x}{x+2}$	$\frac{2x^2+2x+5}{x^2+x-2}$	
4	$\frac{x}{x-2} + \frac{3}{x-1}$	$-\frac{x^2+2x-8}{x^2-16}$	
5	$\frac{x}{4x+8} - \frac{1}{x^2+2x}$	$\frac{8x+5}{x^2+1}$	
6	$\frac{x+2}{x-1} + \frac{x-1}{x+2}$	$\frac{x^2-3x+7}{x^2-4}$	
7	$\frac{2x+1}{x^2-4} + \frac{x-3}{x+2}$	$\frac{x^2+2x-6}{x^2-3x+2}$	
8	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	

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hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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