

keep scrolling to
get a sneak peek!

Help your Algebra students
review solving two step
equations with these March
Mathness review stations!
Students will be eager to get
the self-checking & student
choice benefits from these
activities!

TWO STEP EQUATIONS REVIEW

March Math-ness Stations

Date: _____

STATION 2: DRIBBLE, DRIBBLE, SHOOT!
Directions: Start with any question you'd like and answer it. Once you find the answer, then write the letter in the long box below.

1 Each jersey that a coach orders costs \$15, plus a one time shipping fee of \$25. If the total cost is \$130, how many jerseys did the coach buy?

2 The practice gym your team rents costs \$20 per hour plus a \$50 reservation fee. If the bill was \$90, how many hours was your team at the gym for?

3 Raffle tickets are being sold at the basketball game for \$5 per ticket. They have already raised \$40. If their goal is \$115, how many more tickets do they need to sell?

4 A fan spends \$8 on drinks and \$4 per hotdog. If their total bill was \$28, how many hotdogs did they purchase?

5 To travel to their away game, a bus for \$75 per hour and \$40 for total cost was \$265, how many hours did they travel?

6 A player's jersey number is 5 more than his birth month. If his jersey number was 26, what month was he born?

7 A player made 16 more shots than his teammates in the game. If he had 12 assists, how many points did he score?

800
13
3
2,000

S
O
P
C
U
3
6
7

Solve.
 $5x + 7 =$

Solve.
 $-2x - 63 = 47$

Solve.
 $-15 = \frac{x + 14}{-3}$

Normal 2 Point

STATION 3: FULL COURT PUZZLE
**TEACHERS - CUT OUT BEFORE GIVING TO STUDENTS. This is the answer key

$0.3x - 1.5 = 1.3$	$\frac{9}{1} = \frac{3}{8} + 5x$	$x = -1/6$	$x = 2/3$	$-9.3x + 8.2 = 54.7$	$0.2x + 0.6 = 1.8$	$\frac{9}{1}x - 1 = 5$
$x = -15$	$x = 1/4$	$x = -1/6$	$x = 2/3$	$x = -6$	$x = 1.5$	$x = 1/6$
$4.3x + 1$	$4.3x + 1$	$4.3x + 1$	$4.3x + 1$	$4.3x + 1$	$4.3x + 1$	$4.3x + 1$
$96 = x$	$96 = x$	$96 = x$	$96 = x$	$96 = x$	$96 = x$	$96 = x$
$x = -2$	$x = -2$	$x = -2$	$x = -2$	$x = -2$	$x = -2$	$x = -2$
$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$	$\frac{x}{3.7} + 4.1 = 9.1$
$x = 18.5$	$x = 18.5$	$x = 18.5$	$x = 18.5$	$x = 18.5$	$x = 18.5$	$x = 18.5$
$-5.7 + 2$	$-5.7 + 2$	$-5.7 + 2$	$-5.7 + 2$	$-5.7 + 2$	$-5.7 + 2$	$-5.7 + 2$



3 Stations activities + Answer keys

© Malia Rivera, 2025

Why do you need this?

Two Step Equations Review Stations



There are a variety of activities that cover several topics.



Help your students practice these essential math skills.



The activities have self-checking components so students can receive feedback!

The collage features several station cards:

- Station 1: Free Throw - 1 point**
Solve: $2x + 5 = 11$
- Station 2: Drizzle, Drizzle, Shoot!**
Directions: Start with any question you'd like and answer it. Once you find the answer, then write the letter in the long box below.
Questions include:
 - Each jersey that a coach orders costs \$15, plus a one-time shipping fee of \$25. If the total cost is \$130, how many jerseys did the coach buy?
 - The practice gym your team rents costs \$20 per hour plus a \$50 reservation fee. If the bill was \$90, how many hours was your team at the gym for?
 - Raffle tickets are being sold at the basketball game for \$5 per ticket. They have already raised \$40. If their goal is \$115, how many more tickets do they need to sell?
 - A fan spends \$8 on snacks and \$4 per hotdog. If their total bill was \$28, how many hotdogs did they purchase?
 - To travel to their away game, a team rents a bus for \$75 per hour and \$40 for gas. If their total cost was \$265, how many hours did they travel?
 - A player's jersey number is 5 more than twice the birth month. If his jersey number is 23, what month was he born?
 - A player takes 16 more shots than twice the number of assists in the game. If he attempted 42 shots, how many assists did he have?
- Station 3: Full Court Puzzle**
Directions: Start with any piece and complete one of the questions. Match correct answers together to complete the puzzle.
Equations shown include:
 - $5x + \frac{2}{3} = -110$
 - $5x = -\frac{10}{3}$
 - $x = -\frac{2}{3}$
 - $-9.3x + 8.2 = 54.7$
 - $-8.2 = 46.5$
 - $-9.3x = 40.5$
 - $x = -\frac{40.5}{9.3}$
 - $\frac{1}{3}x + 7 = 12$
 - $-\frac{1}{3}x = 5$
 - $x = -15$
 - $-31 = -5 + 13x$
 - $+5 = 13x$
 - $-26 = 13x$
 - $x = -2$
 - $\frac{1}{2}x + 4 = 10$
 - $\frac{1}{2}x = 6$
 - $x = 12$
- Answer Key Station 2: Drizzle, Drizzle, Shoot!**
Answers shown include:
 - 7 jerseys
 - 2 hours
 - 15 tickets
 - 3 hours
 - 5 hotdogs
 - September

Two Step Equations March Mathness Review Stations includes:

Name: Answer key Date: _____ Class: _____

STATION 1: SOLVE FOR THE WIN!

Directions: Show your work from each card in the space below. Make sure to mark which question number you are working on.

Question # 3 Shot Category: 3 pointer Question # 4 Shot Category: 3 pointer

$$\begin{array}{r} -21 + \frac{x}{4} = -3 \\ +21 \quad +21 \\ \hline \frac{x}{4} = 18 \\ -4 \quad -4 \\ \hline x = 72 \end{array}$$

Question # 5 Shot Category: _____

$$\begin{array}{r} \frac{x-8}{3} = -4 \\ +3 \quad +3 \\ \hline x-8 = -12 \\ +8 \quad +8 \\ \hline x = -4 \end{array}$$

Question # 7 Shot Category: _____

$$\begin{array}{r} -15 = \frac{x+14}{-3} \\ +3 \quad +3 \\ \hline -45 = x+14 \\ -14 \quad -14 \\ \hline 31 = x \end{array}$$

1 Solve. $2x + 5 = 11$

Free Throw - 1 point

3 Solve. $5x + 7 = 17$

Free Throw - 1 point

STATION 2: DRIZZLE, DRIZZLE, SHOOT!

Directions: Start with any question you'd like and answer it. Once you find the answer, then write the letter in the long box below.

Each Jersey that a coach orders costs \$15, plus a one-time shipping fee of \$25. If the total cost is \$130, how many Jerseys did the coach buy?

The practice gym your team rents costs \$20 per hour plus a \$60 reservation fee. If the bill was \$40, how many hours was your team at the gym for?

Raffle tickets are being sold at the basketball game for \$5 per ticket. They have already raised \$40. If their goal is \$115, how many more tickets do they need to sell?

A fan spends \$8 on drinks and \$4 per hotdog. If their total bill was \$28, how many hotdogs did they purchase?

To travel to their away game, a team rents a bus for \$75 per hour and \$40 for gas. If their total cost was \$260, how many hours did they travel?

A player's jersey number is 5 more than twice his birth month. If his jersey number is 23, what month was he born?

A player takes 16 more shots than twice the number of assists in the game. If he attempted 42 shots, how many assists did he have?

The first four tournament arena has 2,250 total seats. The number of VIP seats are 100 fewer than three times the number of general admission seats. How many seats are general admission?

Directions: Write down the letter from each correct answer in the space below. Use the hint to unscramble the word before moving on to the next station.

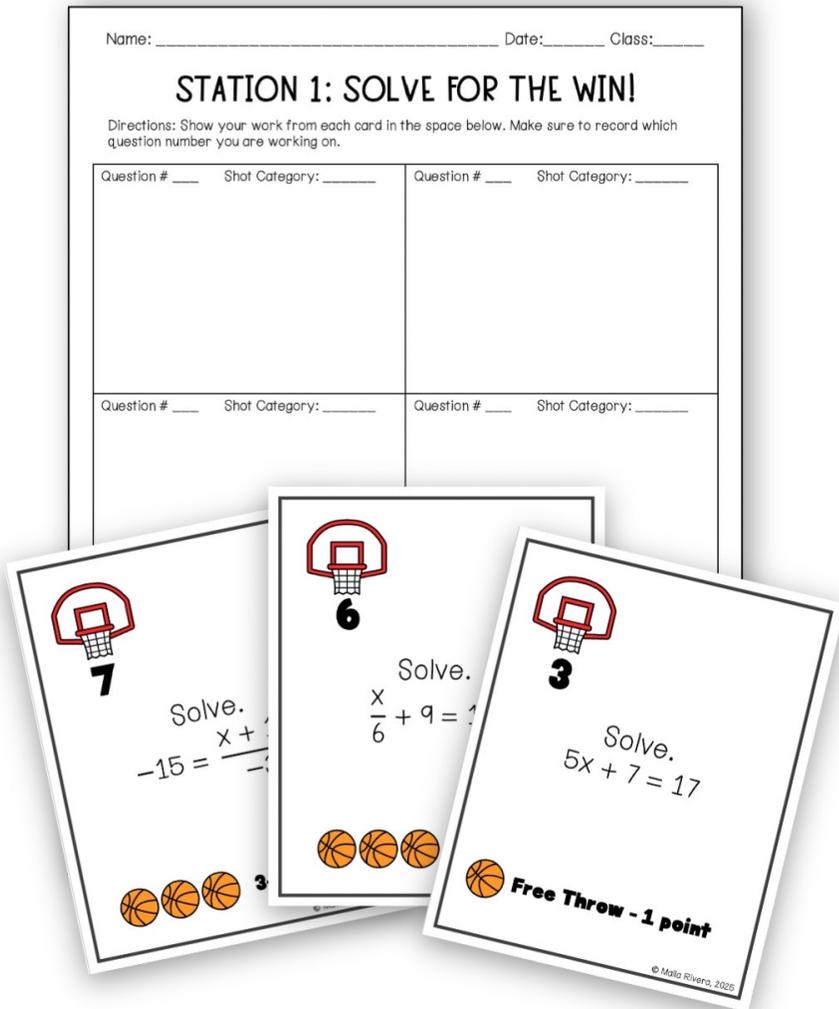
Hint: Winners of the March Madness tournament.

February 800
O
3
P 13
2,400 5
i
2 H
4 R
7 A
15
September 10
T

© Malia Rivera, 2025

- ✔ 3 printable station activities
- ✔ answer keys
- ✔ teacher & student directions
- ✔ color & printer-friendly versions

station 1 - Solving for the Win!



Skill: Scaffolded Two Step Equations

Students are required to answer 2 questions from each of the 3 shot types. Then they can choose whatever other questions they want to answer to get at least 24 points.

Includes:

- 24 total task cards, 8 questions per shot type (*free throw, normal basket, 3-pointer*)
- Recording sheets
- Detailed answer key

station 2 - Dribble Dribble Shoot!

Name: Answer key Date: _____ Class: _____

STATION 2: DRIBBLE, DRIBBLE, SHOOT!

Directions: Show your work from each question in the space below.

1. $15x + 25 = 130$ $- 25 - 25$ $15x = 105$ $\frac{15x}{15} = \frac{105}{15}$ $x = 7$ 7 jerseys	2. 20
3. $5x + 40 = 115$ $- 40 - 40$ $5x = 75$ $\frac{5x}{5} = \frac{75}{5}$ $x = 15$ 15 tickets	4.
5. $75x + 40 = 265$ $- 40 - 40$ $75x = 225$ $\frac{75x}{75} = \frac{225}{75}$ $x = 3$ 3 hours	6.
7. $2x + 16 = 42$ $- 16 - 16$ $2x = 26$ $\frac{2x}{2} = \frac{26}{2}$ $x = 13$ 13 shots	

Name: _____ Date: _____ Class: _____

STATION 2: DRIBBLE, DRIBBLE, SHOOT!

Directions: Start with any question you'd like and answer it. Once you find the answer, then write the letter in the long box below.

- Each jersey that a coach orders costs \$15, plus a one-time shipping fee of \$25. If the total cost is \$130, how many jerseys did the coach buy?
- The practice gym your team rents costs \$20 per hour plus a \$50 reservation fee. If the bill was \$90, how many hours was your team at the gym for?
- Raffle tickets are being sold at the basketball game for \$5 per ticket. They have already raised \$40. If their goal is \$115, how many more tickets do they need to sell?
- A fan spends \$8 on drinks and \$4 per hotdog. If their total bill was \$28, how many hotdogs did they purchase?
- To travel to their away game, a team rents a bus for \$75 per hour and \$40 for gas. If their total cost was \$265, how many hours did they travel?
- A player's jersey number is 5 more than twice his birth month. If his jersey number is 23, what month was he born?
- A player takes 16 more shots than twice the number of assists in the game. If he attempted 42 shots, how many assists did he have?
- The final four tournament arena has 2,250 total seats. The number of VIP seats are 150 fewer than three times the number of general admission seats. How many seats are general?

Directions: Write down the letter from each correct answer in the space below. Use the hint to unscramble the word before moving on to the next station.

Hint: Winners of the March Madness tournament.

--	--	--	--	--	--	--	--	--	--

© Malia Rivera, 2025

Skill: Two Step Word Problems

Students will answer the basketball question and match it to the correct answer hoop. Then they will record the letters under the hoop in the box at the bottom. Given the hint, students will unscramble the letters to reveal a secret word.

Includes:

- 8 questions
- Recording sheet
- Detailed answer key

station 3 - Full Court Puzzle!

Name: Answer key Date: _____ Class: _____

STATION 2: DRIBBLE, DRIBBLE, SHOOT!

Directions: Show your work from each question in the space

1. $15x + 25 = 130$
 $-25 -25$
 $15x = 105$
 $\frac{15}{15}$
 $x = 7$
7 jerseys

3. $5x + 40 = 115$
 $-40 -40$
 $5x = 75$
 $\frac{5}{5}$
 $x = 15$
15 tickets

5. $75x + 40 = 265$
 $-40 -40$
 $75x = 225$
 $\frac{75}{75}$
 $x = 3$
3 hours

7. $2x + 16 = 42$
 $-16 -16$
 $2x = 26$
 $\frac{2}{2}$
 $x = 13$
13 shots

STATION 3: FULL COURT PUZZLE
TEACHERS - CUT OUT BEFORE GIVING TO STUDENTS. This is the answer key!

$0.3x - 1.5 = 1.3$ $x = -2$	$\frac{1}{2}x + \frac{3}{4} = \frac{9}{8}$ $x = -1/6$	$7.19 = 54 + 8.2x$ $x = 1.8$
$15x = 12$ $x = 14$	$4.3x + 2.5 = 15.4$ $x = 12$	$36 = x$ $x = -2$
$\frac{0.1}{3}x - \frac{0.1}{3} = -10/3$ $x = 2.67$	$2x + 4 = 10$ $x = -3$	$-5.7 + 2.6x = -14.02$ $x = 18.5$

© Malia Rivera, 2025

Skill: Solving Two Step Equations *with integers, decimals & fractions*

Students can start with any question and solve the equation. Students should look for their answer and match the answer side and question side together to put the puzzle back together. *Not all questions have answers.

Includes:

- 10 questions
- Recording sheet
- Detailed answer key

Two Step Equations Review Stations

standards covered:

CCSS: 7.EE.B.4, 7.EE.B.4a

TEKs: 7.11.A

VA SOLs: PFA.7.12

STATION 1: SOLVING FOR THE WIN!

Teacher Directions:

At this station, students will be practicing how to solve two step equations. There are a total of 24 task cards - 8 equations per shot category. Students must answer at least 2 questions from each category and get at least 24 total points before moving on. To get the rest of the 24 points, students can answer any questions they want from any of the category. Students should be recording their answers and showing their work on the recording page given.

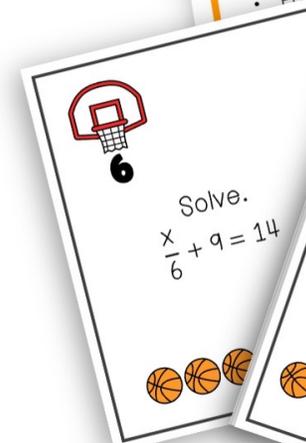
Differentiation Suggestions:

To help with differentiation, you can require students to complete certain cards, a different number of cards in each category, or obtain a different total score necessary to move on.

Printing Directions:

- Print the cards on their own pages - NOT double sided!
- Recommend printing the different shot categories on different colored paper to differentiate.
- Print and cut the cards to save for future use.
- Print the station 1 recording sheet front to back (double sided). Make sure that students can have two double sided recording pages available and an answer

© Malia Rivera, 2025



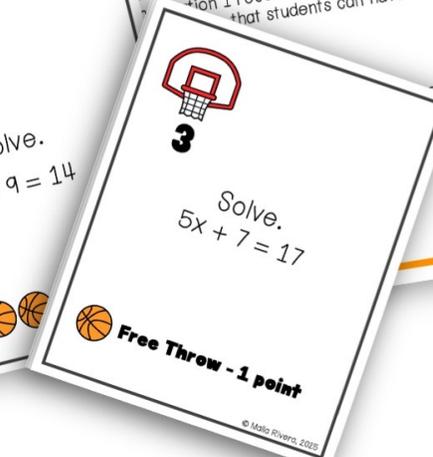
6

Solve.

$$\frac{x}{6} + 9 = 14$$

Free Throw - 1 point

© Malia Rivera, 2025



3

Solve.

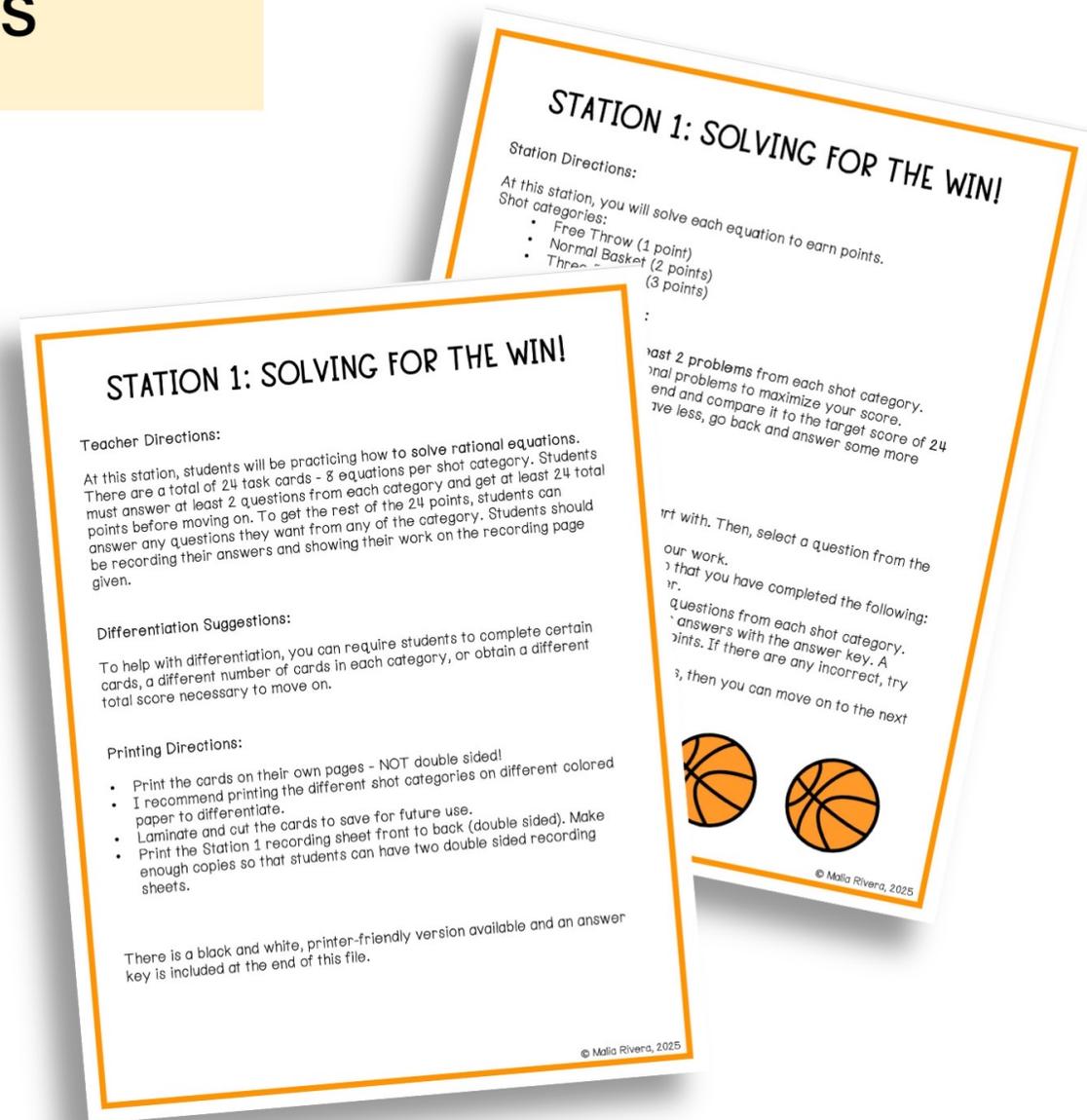
$$5x + 7 = 17$$

Free Throw - 1 point

© Malia Rivera, 2025

March Mathness Review Stations

Teacher and printing directions included. Student directions to be printed at each station are also included!



how to use this resource

Name: _____ Date: _____ Class: _____

STATION 2: DRIBBLE, DRIBBLE, SHOOT!

Directions: Start with any question you'd like and answer it. Once you find the answer, then write the letter in the long box below.

Each jersey that a coach orders costs \$15, plus a one-time shipping fee of \$25. If the total cost is \$130, how many jerseys did the coach buy?

The practice gym your team rents costs \$10 per hour plus a \$50 reservation fee. If the bill was \$90, how many hours was your team at the gym for?

Raffle tickets are being sold at the basketball game for \$5 per ticket. They have already raised \$40. If their goal is \$125, how many more tickets do they need to sell?

A fan spends \$8 on drinks and \$4 per hotdog. If their total bill was \$28, how many hotdogs did they purchase?

To travel to their away game, a team rents a bus for \$75 per hour and \$40 for gas. If their total cost was \$265, how many hours did they travel?

A player's jersey number is 5 more than twice his birth month. If his jersey number is 23, what month was he born?

A player takes 16 more number of assists in the number of assists in the 42 shots, how many assists did he take?

The final four tournament seats. The number of seats is three times the admission seats. How many seats are there?

Directions: Write down to unscramble the word

Hint: Winners of the _____

February **O** 800
S
 3 **P**
C
 2,400 **I**
U
 2 **H**
N
 4 **R**

Name: *Answer key* Date: _____ Class: _____

STATION 1: SOLVE FOR THE WIN!

Directions: Show your work from each card in the space below. Make sure to mark which question number you are working on.

Question # 3 Shot Category: Spinner

$$\begin{aligned} -21 + \frac{x}{4} &= -3 \\ +21 & \quad +21 \\ \frac{x}{4} &= 18 \\ \cdot 4 & \quad \cdot 4 \\ x &= 72 \end{aligned}$$

Question # 4 Shot Category: Spinner

$$\begin{aligned} -9 &= \frac{x-14}{6} \\ \cdot 6 & \quad \cdot 6 \\ -30 &= x-14 \\ +14 & \quad +14 \\ -16 &= x \end{aligned}$$

Question # 5 Shot Category: Spinner

$$\begin{aligned} \frac{x-8}{6} &= -4 \\ \cdot 6 & \quad \cdot 6 \\ x-8 &= -24 \\ +8 & \quad +8 \\ x &= -16 \end{aligned}$$

Question # 10 Shot Category: Spinner

$$\begin{aligned} \frac{x}{6} + 9 &= 14 \\ -9 & \quad -9 \\ \frac{x}{6} &= 5 \\ \cdot 6 & \quad \cdot 6 \\ x &= 30 \end{aligned}$$

Question # 8 Shot Category: Spinner

$$\begin{aligned} \frac{x}{-5} - 16 &= -24 \\ +16 & \quad +16 \\ \frac{x}{-5} &= -8 \\ \cdot -5 & \quad \cdot -5 \\ x &= 40 \end{aligned}$$

STATION 3: FULL COURT PUZZLE

TEACHERS - CUT OUT BEFORE GIVING TO STUDENTS. This is the answer key!

$0.2x + 0.6 = 1.8$ $x = 5$	$9/17 = x$ $5 = 1 - 1 - 1 = 5$ $\frac{1}{9}x - 1 = 5$	$9/17 = x$ $5 = 1 - 1 - 1 = 5$
$7/19 = 2.2 + 4.3x - 6$ $x = -17/6$	$3x + 2 = 8 - 1/4$ $x = 12$	$36 = x$ $x = -2$
$1/3x + 1 = 12$ $x = 14$	$4.3x + 2.5 = 15.4$ $x = 12$	$1.9 = 1.1 + 4.1 = 9.1$ $\frac{x}{3.7} + 4.1 = 9.1$
$0.1 = \frac{0.1}{b}$ $x = -10/3$ $x = 2.6$	$2.3 = x$ $x = -3$	$17.9 = 7.11$ $-5.7 + 2.6x =$

This is a great activity to use when reviewing for an end of unit assessment on **two step equations** or as an end of year review.

These stations are also a **substitute-friendly** assignment!

You may also enjoy ...

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	$8 = 10 + \frac{x}{7}$	



Self-Checking

SOLVING TWO STEP EQUATIONS

Worksheet

ANSWER KEY

SOLVING TWO-STEP EQUATIONS

Directions: Solve each equation. Show all work and check your answers.

#1 $2x - 4 = 2$
 $x = 3$

#2 $\frac{x-4}{-11} = 2$
 $x = -18$

#3 $26 = -9x + 10$
 $x = 4$

#4 $\frac{x+9}{-9} = -1$
 $x = 0$

#5 $1 = 3x - 5$
 $x = 2$

#6 $1 = 3x - 5$
 $x = 2$

#7 $1 = 3x - 5$
 $x = 2$

#8 $1 = 3x - 5$
 $x = 2$

#9 $4x - 3 = -7$
 $x = -1$

#10 $\frac{x+1}{2} = 4$
 $x = 7$

#11 $-10 = -10 + \frac{x}{1}$
 $x = 0$

#12 $\frac{x-3}{3} = -3$
 $x = -6$

#13 $7x - 4 = 18$
 $x = 3$

ANSWER KEY INCLUDED

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.

$-x$ x
 -1 1

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

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!

The image shows a collage of algebra worksheets and a digital tablet. The worksheets include:

- Answer Key** for **ADDING & SUBTRACTING RATIONAL EXPRESSIONS** and **SOLVING SYSTEMS OF EQUATIONS**.
- Worksheets for **MULTIPLYING & DIVIDING RATIONAL EXPRESSIONS** and **SOLVING SYSTEMS OF EQUATIONS**.

The digital tablet displays a self-checking activity titled **Rational Expression Operations - Addition & Subtraction**. The directions are: "Answer each question and type the question number with the matching answer in the answer column to the right." The activity consists of a table with 8 questions and 8 answers. A path is drawn through the table, starting from question 1, moving to answer 1, then to question 2, answer 2, question 3, answer 3, question 4, answer 4, question 5, answer 5, question 6, answer 6, question 7, answer 7, and finally question 8, answer 8.

#	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	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	



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!

Did you know you could get **FREE** money from TPT??

All you need to do is leave feedback on the product after you purchase. [Click here](#) to leave reviews and earn credits towards your next TPT purchase!

let's connect!



Follow my TPT store



Follow my Instagram



Email me