keep scrolling to get a sneak peek!

Help your Algebra students practice solving systems of equations using the **substitution method** with this task card activity! Your students are going to love this independent, self-checking activity!

SYSTEMS OF EQUATIONS BY SUBSTITUTION

20 Task Cards

Answer Key

SOLVING SYSTEMS OF EQUATIONS BY SUBSTITUTION TASK CARDS RECORDING
Directions: Solve each system of equation using the substitution method. Show your work in the...

#7
$$\frac{2x=12}{2}$$
$$x=6$$
$$6-5y=-29$$
$$-6 \quad -6$$
$$\frac{-5y=-35}{-5}$$
$$y=7$$
$$(6,7)$$

#8
$$x-9=-1$$
$$+9 \quad +9$$
$$x=8$$
$$2(8)-y=$$
$$(8,-7)$$

#10
$$2x+y=9$$
$$-2x \quad -2x$$
$$y=-2x+9$$
$$4x-(-2x+9)=-15$$
$$4x+2x-9=-15$$
$$6x-9=-15$$
$$+9 \quad +9$$
$$\frac{6x=-6}{6} \quad x=-1$$
$$2(-1)+y=9$$
$$-2+y=9$$
$$+2 \quad +2$$
$$(-1,11)$$

#11
$$x+y=-3$$
$$-x \quad -x$$
$$y=-x-3$$
$$5x+2(-x-3)=$$
$$5x-2x-6=9$$
$$3x-6=9$$
$$+6 \quad +6$$
$$\frac{3x=15}{3} \quad x=5$$
$$5+y=-3$$
$$-5 \quad -5$$
$$y=-8$$
$$(5,-8)$$

$$=32$$
$$7x-132=32$$
$$+132 \quad +132$$
$$\frac{41x=164}{41}$$
$$5(4)+4y$$
$$20+4y$$
$$-20$$
$$(4,3)$$

#19
Solve the system of equations using substitution.
$$5x-4y=$$
$$-2x+y=$$

#4
Solve the system of equations using substitution.
$$4x-7y=10$$
$$y=x-7$$

#9
Solve the system of equations using substitution.
$$x+y=0$$
$$x-2y=6$$

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Math with Ms. Rivera

ANSWERS PRINTED ON THE BACK!

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why do you need this?

Systems of Equations – Substitution Task Cards

🖊️ 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

Answer Key

SOLVING SYSTEMS OF EQUATIONS BY SUBSTITUTION TASK CARDS RECORDING SHEET

Directions: Solve each system of equation using the substitution method. Show your work in the boxes below.

#7
$$\frac{2x=12}{2}$$
$x=6$
$6-5y=-29$
$-6 \quad -6$
$-5y=-35$
$\overline{-5}$
$y=7$
$(6,7)$

#8
$x-9=-1$
$+9 \quad +9$
$x=8$
$2(8)-y=$
$16-y=$
-16
$-y=$
$y=$
$(8,-7)$

#9
$x+y=0$
$-y \quad -y$
$x=-y$
$-y-2y=6$
$-3y=6$
$\overline{-3}$

#19
Solve the system of equations using substitution.
$$5x - 4y = 27$$
$$-2x + y = 3$$
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#10
$2x+y=9$
$-2x \quad -2x$
$y=-2x+9$
$4x-(-2x+9)=$

#11
$x+y=-3$
$-x \quad -x$
$y=-x-3$
$5x+2($
$5x-2x-$
$3x-6=9$
$+6 \quad +6$
$3x=15$
$\overline{3}$
$x=5$
$5+y=-3$
$-5 \quad -5$
$y=-8$
$(5,-8)$

$41x$
$\overline{41}$
$5(4)+4y=32$
$20+4y=32$
$-20 \quad -20$
$\frac{4y=12}{4}$
$y=3$
$(4,3)$
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#4
Solve the system of equations using substitution.
$$4x - 7y = 10$$
$$y = x - 7$$
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Systems of Equations – Substitution Task Cards *includes*:

#9
Solve the system of equations using substitution.

$$x + y = 0$$
$$x - 2y = 6$$

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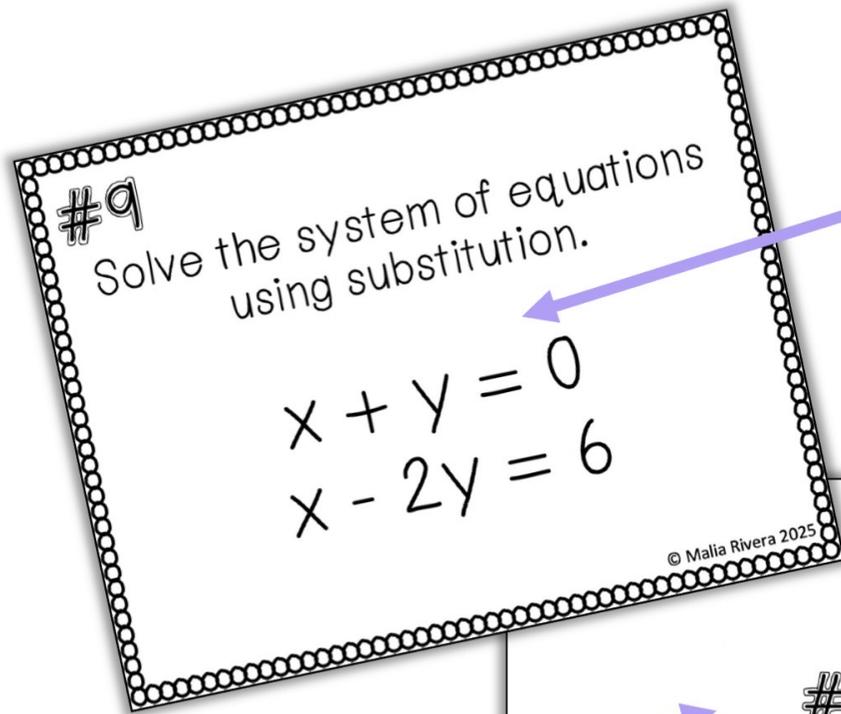
Front with question

#9

(2, -2)

Print with answer on back

✅ set of 20 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

System of Equations – Substitution Task Cards

standards covered:

CCSS: 8.EE.C.8, HSA–REI.A.6

TEKs: A1.5.C

VA SOLs: EI.A.4.d

#14
Solve the system of equations using substitution.

$$20x - 30y = -50$$
$$x + 2y = 1$$

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...m of equations using substitution.

$$4x - 7y = 10$$
$$y = x - 7$$

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how to use this resource

Name: _____ **Date:** _____

SOLVING SYSTEMS OF EQUATIONS BY SUBSTITUTION TASK CARDS RECORDING SHEET
Directions: Solve each system of equation using the substitution method. Show your work in the boxes below.

#1	#2	#3
		#6

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 ba... of the corresponding card.

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

...their work on

#6
Solve the system of equations using substitution.

$$-5x + 3y = 51$$
$$y = 10x - 8$$

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This is a great individual practice activity to use when reviewing how solve systems of equations using substitution.

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* ...

SYSTEMS OF EQUATIONS BY SUBSTITUTION

Self-Checking

CHOICE BOARDS BUNDLE
Systems of Equations
Algebra 1

SYSTEMS OF EQUATIONS BY SUBSTITUTION
Digital & Printable

hey there!

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