keep scrolling to get a sneak peek!

Help your Algebra 1 students **write linear equations in point-slope form given a point & slope**. Your students will benefit from being given choice when it comes to how they want to practice math!

POINT-SLOPE FORM FROM A POINT & SLOPE
Choice Board

ANSWER KEY

Name: _____ Date: _____

Period: _____ Date: _____

Writing in Point-Slope Form from a

Directions: Given the point and slope, write the equation in point-slope form. Choose ... problems from each column. Show your work in the boxes.

Directions: Given the point and slope, write the equation in point-slope form. Choose problems from each column. Show your work in th...

(-3, 5) & m = -1	(4, 10) & m = 2
(-5, 6) & m = 4	(-9, 2) & m =
(-4, -7) & m = -1/2	(6, -4) & m

(1, 9) & m = -3 $y-9=-3(x-1)$	(-3, 5) & m = -1 $y-5=-1(x+3)$
(-2, 5) & m = -4 $y-5=-4(x+2)$	(-5, 6) & m = 4 $y-6=4(x+5)$
(-2, 8) & m = 3 $y-8=3(x+2)$	(-4, -7) & m = $y+7=-\frac{1}{2}(x+$

Math with Ms. Rivera

do you need this?

Writing in Point Slope Form from a Point & Slope Choice Board

✏️ Allowing student choice in how they practice will encourage them to do the practice!

✏️ You can differentiate by the number of problems required of particular students.

Writing in Point Slope Form from a Point & Slope Choice Board *includes*:

Name: _____

Writing in Point-Slope Form from a Point & Slope

Directions: Given the point and slope, write the equation in point-slope form. Choose ___ problems from each column. Show your work in the boxes.

Date: _____

Period: _____

(1, 9) & m = -3	(-3, 5) & m = -1	(4, 10) & m = 2
(-2, 5) & m = -4	(6) & m = 4	(-9, 2) & m = -5
(-2, 8) & m = 3	(-4, -7) & m = -1/2	(6, -4) & m = 2/3

(0, 15)

✅ printable worksheet

✅ a detailed answer key

✅ 3 columns with 5 questions in each – 15 question total

✅ Spot to assign how many problems students need to complete

Writing in Point Slope Form from a Point & Slope Choice Board

standards covered:

CCSS: HSA-CED.A.2

TEKs: A1.2.B

VA SOLs: E1.A.6.b

Name: _____

ANSWER KEY

Date: _____

Period: _____

Writing in Point-Slope Form from a Point & Slope

Directions: Given the point and slope, write the equation in point-slope form. Choose _____ problems from each column. Show your work in the boxes.

(1, 9) & m = -3	(-3, 5) & m = -1	(4, 10) & m = 2
$y - 9 = -3(x - 1)$	$y - 5 = -1(x + 3)$	$y - 10 = 2(x - 4)$
(-2, 5) & m = -4	(-5, 6) & m = 4	(-9, 2) & m = -5
$y - 5 = -4(x + 2)$	$y - 6 = 4(x + 5)$	$y - 2 = -5(x + 9)$
(-2, 8) & m = 3	(-4, -7) & m = -1/2	(6, -4) & m = 2/3
$y - 8 = 3(x + 2)$	$y + 7 = -\frac{1}{2}(x + 4)$	

how the choice board resource works

Assign students the number of problems they need to complete from each column.

Differentiate the choice board worksheet by reducing the number of problems assigned to show mastery.

Students can complete the any problems they want to in each column and in any order.

Name: _____ Date: _____ Period: _____

Writing in Point-Slope Form from a Point & Slope

Directions: Given the point and slope, write the equation in point-slope form. Choose _____ problems from each column. Show your work in the boxes.

$(1, 9)$ & $m = -3$	$(-3, 5)$ & $m = -1$	$(4, 10)$ & $m = 2$
$(-2, 5)$ & $m = -4$	$(-5, 6)$ & $m = 4$	$(-9, 2)$ & $m = -5$
$(-2, 8)$ & $m = 3$	$(-4, -7)$ & $m = -1/2$	$(6, -4)$ & $m = 2/3$
$(0, 15)$ & $m = -4/5$	$(-1, -1)$ & $m = -1/2$	$(4, 3)$ & $m = -1/4$

how to use this resource

This is a great individual practice activity to use when reviewing how to write linear equations in point-slope form given a point & slope.

My favorite ways to use this choice board is for homework and math practice stations.

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

You may also *enjoy*...

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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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