

1. Check y-intercept and throw out wrong answers. Week #10 HmWK

2. Check slope and throw out wrong answers.

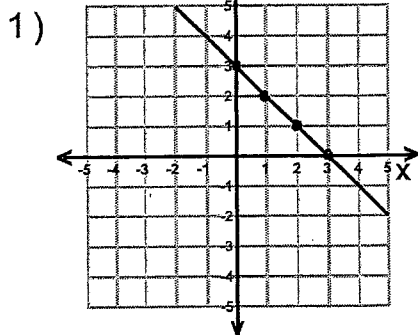
Name: _____

Score: _____

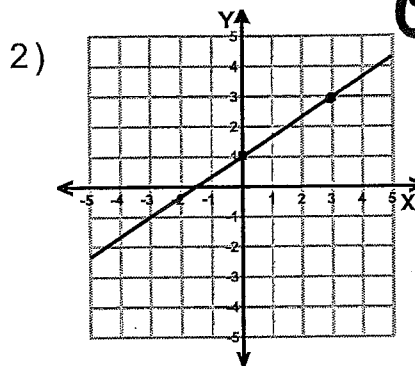
Teacher: _____

Date: _____

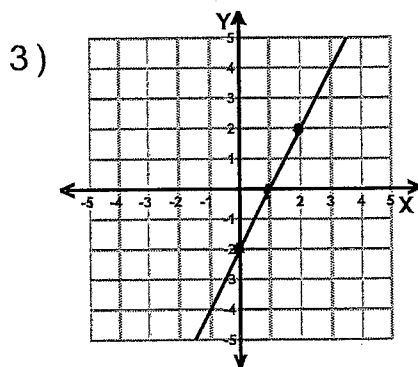
Write the Equation from Each Line **Multiple Choice**



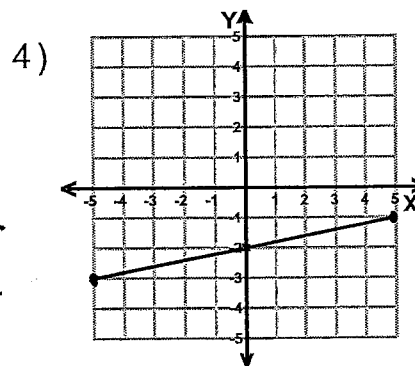
- a.) $y = 3x + 3$
b.) $y = -x + 3$
c.) $y = x - 3$
d.) $y = -x - 3$



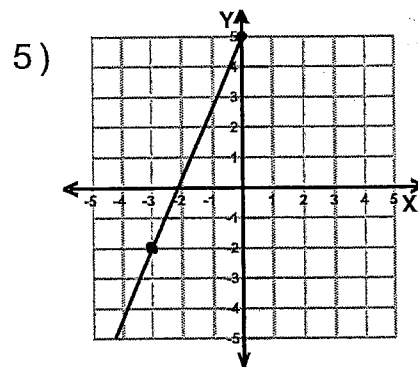
- a.) $y = 2/3x + 1$
b.) $y = 2/3x - 1$
c.) $y = 3/2x + 1$
d.) $y = 3/2x - 1$



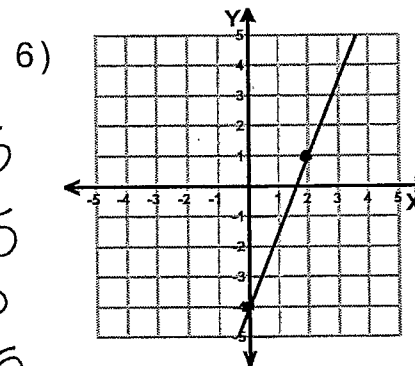
- a.) $y = 1/2x + 2$
b.) $y = -1/2x - 2$
c.) $y = 2x + 2$
d.) $y = 2x - 2$



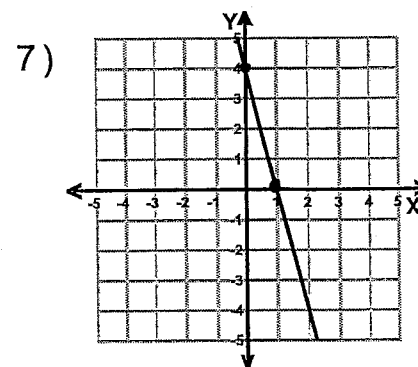
- a.) $y = 5x - 2$
b.) $y = 1/5x - 2$
c.) $y = 1/5x + 2$
d.) $y = 5x + 2$



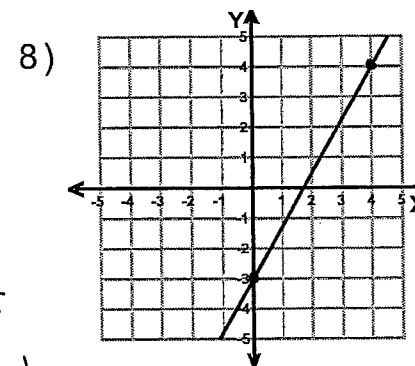
- a.) $y = 3/7x + 5$
b.) $y = 3/7x - 5$
c.) $y = 7/3x + 5$
d.) $y = 7/3x - 5$



- a.) $y = 5/2x - 4$
b.) $y = 5/2x + 4$
c.) $y = 2/5x - 4$
d.) $y = -2/5x - 4$



- a.) $y = 4x + 4$
b.) $y = 4x - 4$
c.) $y = -4x + 4$
d.) $y = -1/4x + 4$



- a.) $y = 4/7x - 3$
b.) $y = 4/7x + 3$
c.) $y = 7/4x + 3$
d.) $y = 7/4x - 3$



Why Did the Population Expert Feel Like He Was Going Crazy?



Determine whether or not the given numbers are possible measures for the sides of a right triangle. Circle the letters next to each correct answer. Find the lower case letter in a box at the bottom of the page and write the upper case letter below it.

$a = 6$ $b = 8$ $c = 10$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 1 Right triangle? yes i-O no f-K	$a = 10$ $b = 12$ $c = 14$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 2 Right triangle? yes m-B no t-S	$a = 5$ $b = 12$ $c = 13$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 3 Right triangle? yes e-A no q-R
$a = 11$ $b = 11$ $c = 15$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 4 Right triangle? yes v-D no r-E	$a = 7$ $b = 24$ $c = 25$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 5 Right triangle? yes k-T no h-P	$a = 4$ $b = 9$ $c = \sqrt{97}$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 6 Right triangle? yes a-H no p-V
$a = 14$ $b = \sqrt{204}$ $c = 20$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 7 Right triangle? yes o-S no b-U	$a = \sqrt{160}$ $b = 13$ $c = 18$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 8 Right triangle? yes c-F no f-D	$a = 2.7$ $b = 3.6$ $c = 4.5$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 9 Right triangle? yes v-S no n-G
$a = 3.2$ $b = 5.8$ $c = 6.7$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 10 Right triangle? yes u-O no m-H	$a = 16$ $b = \sqrt{300}$ $c = \sqrt{556}$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 11 Right triangle? yes b-E no d-M	$a = 8$ $b = 15$ $c = 17$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 12 Right triangle? yes q-C no j-R
$a = 30$ $b = 40$ $c = 50$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 13 Right triangle? yes h-L no s-A	$a = 40$ $b = 50$ $c = 60$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 14 Right triangle? yes l-S no n-I	$a = 10$ $b = 24$ $c = 26$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 15 Right triangle? yes u-U no g-E
$a = 0.9$ $b = 4.0$ $c = 4.1$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 16 Right triangle? yes d-H no c-R	$a = \sqrt{2}$ $b = \sqrt{2}$ $c = 2$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 17 Right triangle? yes j-S no p-O	$a = 1$ $b = 1$ $c = \sqrt{2}$ $a^2 = \underline{\quad}$ $b^2 = \underline{\quad}$ $c^2 = \underline{\quad}$ 18 Right triangle? yes s-N no l-T

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---