

MasterMath

Name _____

Date _____

Direct Variation

1. **Indicate whether these equations describe a Direct Variation. You may need to manipulate the equation to put it into standard format.**

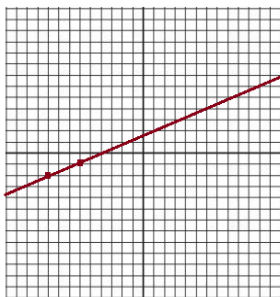
Equation	Direct Variation?
$2x + y = 6$	no
$x/3 = y$	yes
$y = 3c$	yes
$2y = 3c$	yes
$2y = 3c + 1$	no
$3z = x$	yes

Equation	Direct Variation?
$a + b = c$	no
$2v = 4z$	yes
$x = 3y$	yes
$y = 3x$	yes
$y = .5x$	yes
$y - 2 = .5x$	no

Equation	Direct Variation?
$10y = 4x$	yes
$y = 2x + 6$	no
$b = 3a$	yes
$.6n = 5m$	yes
$f = 5 - 2g$	no
$16r = s$	yes

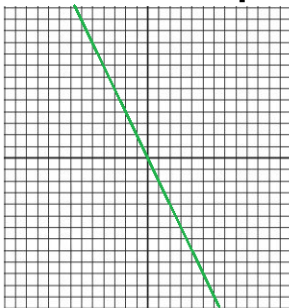
2. Does this line represent a Direct Variation?

no



3. Does this line represent a Direct Variation?

yes



4. Do x and y show Direct Variation?

yes

x	y
3	9
2	6
8	24
16	48

5. Do x and y show Direct Variation?

yes

x	y
6	1
9	1.5
2	.3333333..
24	4