

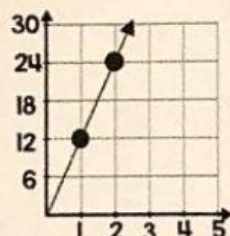
Name: _____

Date: _____

Constant of Proportionality

Directions: In each row below, there is an ODD MAN OUT! Find the constant of proportionality for each box. Then, shade in the box that doesn't belong.

1.



Jaylin earned \$36 for 3 hours of work and \$60 for 5 hours of work. What is the constant of proportionality?

x	12	24	60
y	1	2	5

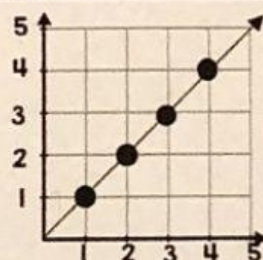
$$y = 12x$$

2.

Sophie read a total of 4 books in 2 months. Then, she read 10 books in 5 months. What is the constant of proportionality?

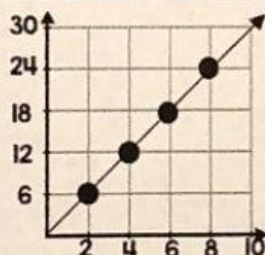
x	0.1	2.6	15
y	0.1	2.6	15

$$y = x$$



3.

$$y = 1/3x$$



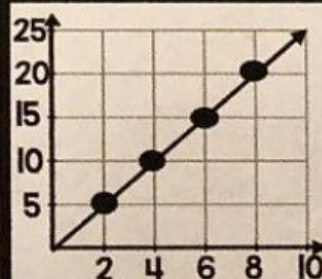
x	4	6	9
y	12	18	27

Alexis made 24 cookies with 8 teaspoons of sugar and 45 cookies with 15 teaspoons of sugar. What is the constant of proportionality?

4.

Jazmyn uses 2 gallons of paint to paint 5 walls. He uses 4 gallons of paint to paint 10 walls. How many gallons of paint does she use per wall?

x	.5	1.5	3.5
y	.2	.6	1.4



$$y = 2/5x$$

5.

x	1	2	3
y	1.2	2.4	3.6

$$y = 1.25x$$

4 pounds of grapes cost \$5. 7 pounds of grapes cost \$8.75. What is the cost per pound?

