



Proportional Relationships Task Cards

By Kayla Renee

#1

Does this graph represent a proportional relationship?

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#9

x	3	2	3	4
y	-2	0	2	4

Tell whether x and y show direct variation.

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#12

Plot these points on a coordinate plane to determine if they show a proportional relationship

$\{(1, 3), (2, 4), (3, 5)\}$

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#4

COST (\$)

0

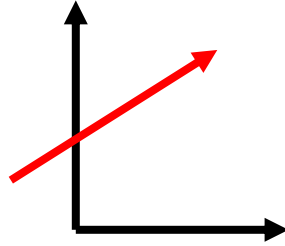
1.50

This relationship is proportional. What are the missing values?

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#1

Does this graph represent a proportional relationship?



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#2

Greg rides his bike

NUMBER OF HOURS	NUMBER OF MILES
1	11
2	22
3	33
4	44

What is the constant of proportionality?

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The price of a pack of chips can be determined by the equation $P = 0.75n$, where P is the price and n is the number of packs of chips. What is the constant of proportionality (unit rate)?

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#4

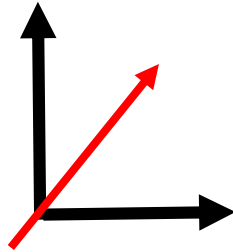
NUMBER OF PACKS OF GUM	COST (\$)
0	0
1	1.50
2	
3	

This relationship is proportional. What are the missing values?

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#5

Does this graph represent a proportional relationship?



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#6

In the equation $k = y/x$, what does the k represent?

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Do the following set of ordered pairs represent a proportional relationship?

$\{(8, 4), (10, 5), (5, 2.5), (12, 6)\}$

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#8

Two quantities x and y show _____

when $y = kx$.

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Name _____

Proportional Relationships Task Cards Answer Sheet

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24