

Name: _____ Hour 1 2 3 4 5 6 7

Scavenger Hunt: 4-2

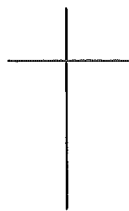
Start at 1 and find answer on another square. Do that question next.

$$y = kx \rightarrow k = \frac{y}{x}$$

Task Card 1

Answer: $k = -2$

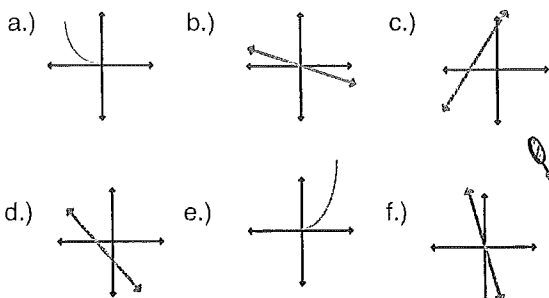
An automobile travels 54 miles on 3 gallons of gasoline. At this rate, how many miles will it travel with 6 gallons of gasoline?



Task Card 2

Answer: C

Which graphs which show proportional relationships.



Task Card 3

Answer: $K=7$

What is the constant of proportionality?

Number of Cupcakes (x)	Cost (y)
4	\$16
5	\$20
7	\$28
8	\$32



Task Card 4

Answer: D

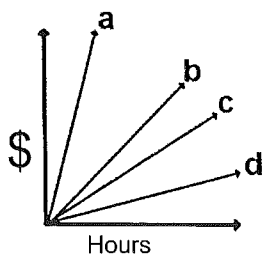
Which line represents Bernie?

Abby earns \$60 in 5 hours.

Danielle earns \$63 in 3 hours.

Bernie earns \$80 in 2 hours.

Connor earns \$30 in 2 hours.



Task Card 5

Answer: 84

What is x?

Ounces in a Cup				
Ounces (oz)	8	16	24	32
Cup (c)	X	2	3	4



Task Card 6

Answer: $y = 9x$

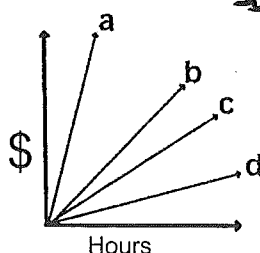
Which line represents Abby?

Abby earns \$60 in 5 hours.

Danielle earns \$63 in 3 hours.

Bernie earns \$80 in 2 hours.

Connor earns \$30 in 2 hours.



Task Card 7

Answer: $y = 60x$

What is the constant of proportionality?

A family of six paid \$42 for concert tickets and a family of 10 paid \$70 for the same tickets.

People (x)	0	2	6	10
Total Cost (y)				



Task Card 8

Answer: $K=4$

What is the equation?

A ski rental shop charges \$27 for 3 hours and \$45 for 5 hours.

Hours (x)	0	1	2	4	5
Total Cost (y)					



Task Card 9

Answer: 1

What is the missing number?

x	y
2	3
5	7.5
7	
8	12
10	15
11	16.5
12	18

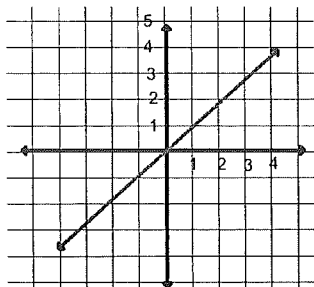


Task Card 10

Answer: B and F

What is the constant of proportionality?

x	y
1	
2	
3	
4	
5	



Task Card 11

Answer: 108

An train travels 425 miles every 5 hours. At this rate, how long will it take to travel 850 miles?

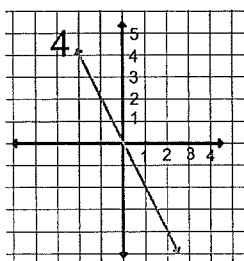


Task Card 12

Answer: $k=1$

What is the constant of proportionality?

x	y
1	
2	
0	
-1	
-2	



Task Card 13

Answer: A

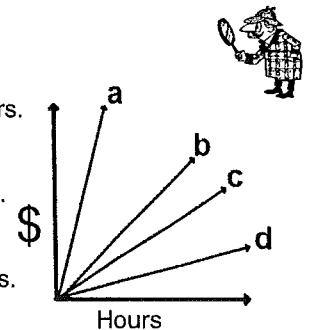
Which line represents Connor?

Abby earns \$60 in 5 hours.

Danielle earns \$63 in 3 hours.

Bernie earns \$80 in 2 hours.

Connor earns \$25 in 2 hours.



Task Card 14

Answer: 10

What is the missing number?

Hours	4	5	6	7	8
Pay	\$48	\$60	\$72		\$96



Task Card 15

Answer: 10.5

What is the equation?

On a trip to Wisconsin, your family drove 120 miles in 2 hours and 300 miles in 5 hours.

Hours (x)	0	1	2	4	5
Total Miles (y)					

