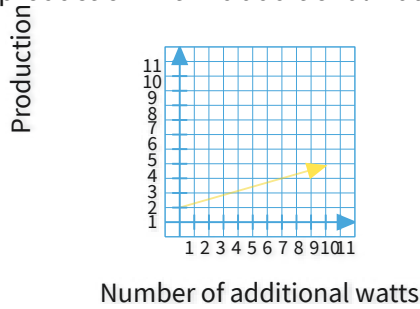


#1

The graph below shows how an increase in power by 70 watts increases production by so many times. How many times faster is production with 70 additional watts of power?

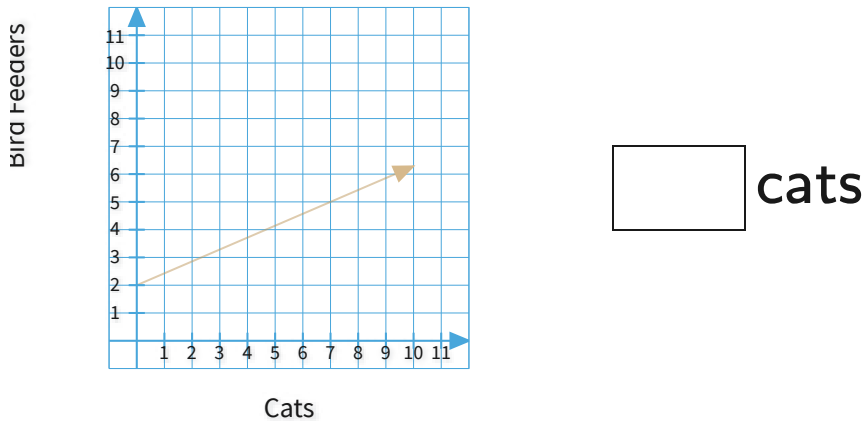


- ☐ 1 time                      ☐ 3 times  
☐ 0 times                      ☐ 4 times

Show your work

#2

The graph below shows the relationship between the bird feeders and cats in Ava's yard. If she has 5 bird feeders, how many cats can she expect to have?

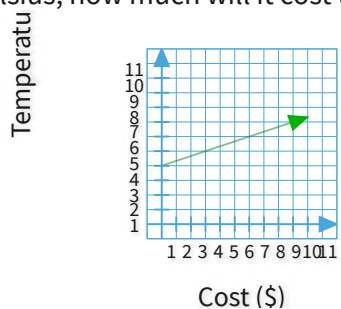


cats

Show your work

#3

Below is a graph that shows the relationship between cost and house temperature. If Elizabeth likes to keep her house at 5 degree Celsius, how much will it cost to heat her house?

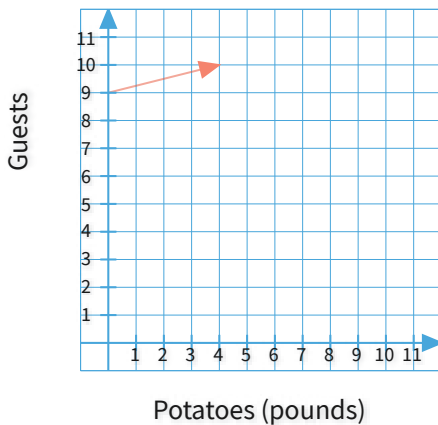


- ☐ \$4                                  ☐ \$1  
☐ \$2                                  ☐ \$3

Show your work

#4

The graph below shows the relationship between pounds of potatoes and how many dinner guests Caden has. If Caden has 10 dinner guests, how many pounds of potatoes will he need?

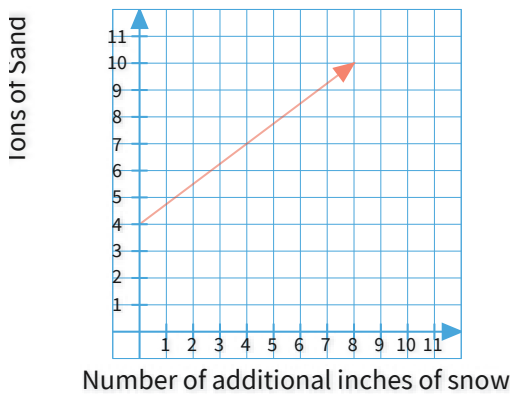


lbs

Show your work

#5

For each additional 80 inches of snow that falls, the city of Edmonton has to buy more sand for the roads. How many more tons of sand is needed to be bought for each additional 80 inches of snow?

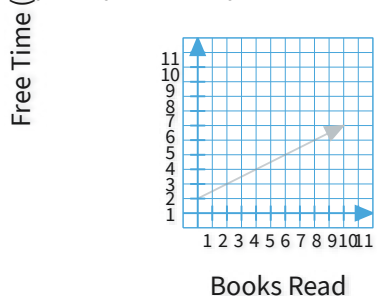


tons

Show your work

#6

The graph below shows the relationship between hours of free time per day and how many books someone has read in a year. If Gavin has 4 hours of free time per day, how many books will they have read in a year?



- ☐ 5 books

☐ 6 books

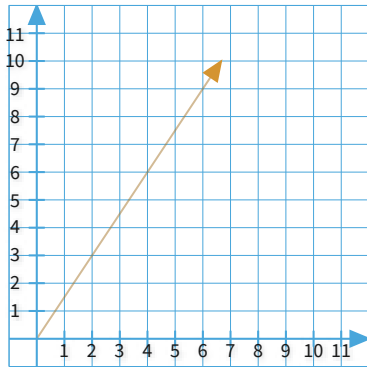
☐ 4 books

☐ 8 books

Show your work

#7

The graph below shows the relationship between number of hours of work and the number of videos watched on the internet. If Natalie works 3 hours, how many videos will they likely watch?



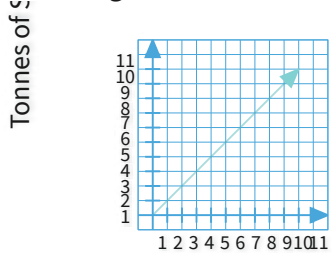
Internet Videos

videos

Show your work

#8

For each additional 30 inches of snow that falls the city of Edmonton has to buy more sand for the roads. How many more tons of sand needs to be bought for each addition 30 inches of snow?



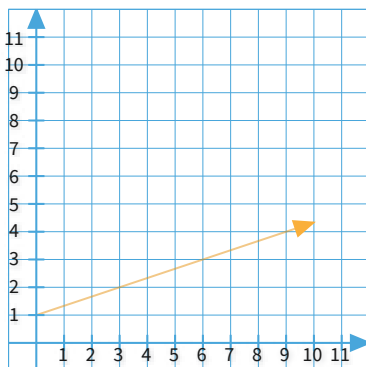
Number of additional inches of snow

- ☐ 0 tonnes
 ☐ 3 tonnes  
☐ 1 ton
 ☐ 5 tonnes

Show your work

#9

This graph shows the relationship between muscle gain and exercise. If Alyssa does 3 hours of lifting, how much muscle should she expect to gain?



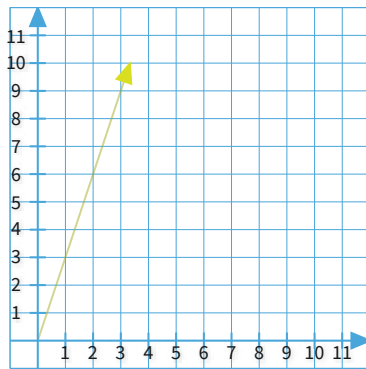
Muscle (lbs)

lbs

Show your work

#10

The graph below shows the relationship between how long it takes to finish a construction project and how many workers are on site. If a project takes 3 days, how many workers were there?



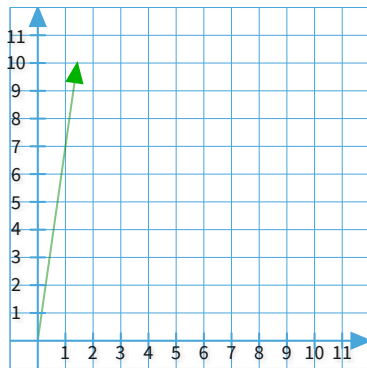
Workers

workers

Show your work

#11

The amount of a power a city requires must to increase for every 10 new neighborhoods. Look at the graph below and calculate how many more kilowatts are required for 10 new neighborhoods.



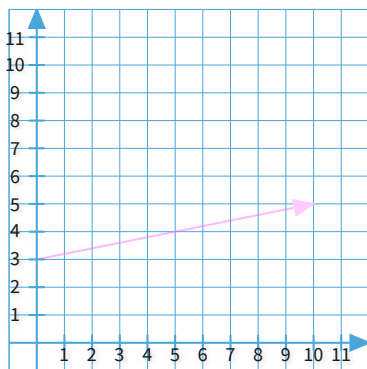
Number of additional neighborhoods

kilowatts

Show your work

#12

The graph below shows the relationship between number of hours of work and the number of videos watched on the internet. If Dahlia works 4 hours, how many videos will they likely watch?



Internet Videos

videos

Show your work

Question	Answer
#1	choice 2
#2	7
#3	choice 4
#4	4
#5	10
#6	choice 3
#7	2
#8	choice 2
#9	6
#10	1
#11	7
#12	5