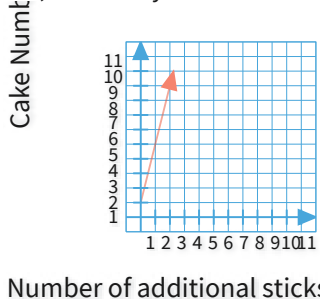


#1

This graph shows the number of cakes Jackson can bake and is related to the number of additional sticks of butter that he buys. With 10 additional sticks of butter, how many cakes in total can Jackson bake?

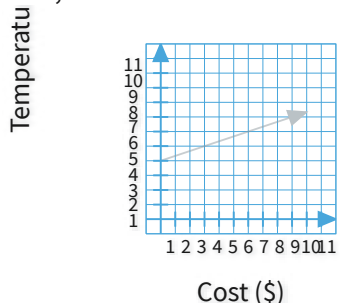


- 8 cakes
- 5 cakes
- 7 cakes
- 3 cakes

Show your work

#2

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?

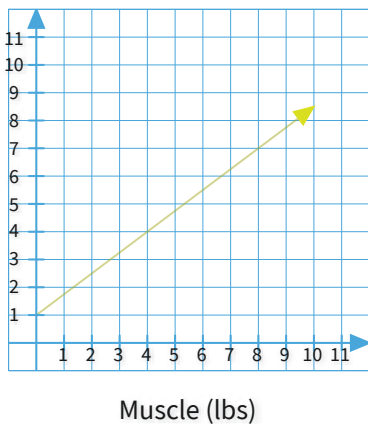


- \$4
- \$1
- \$2
- \$3

Show your work

#3

This graph shows the relationship between muscle gain and exercise. If Landon does 4 hours of lifting, how much muscle should he expect to gain?

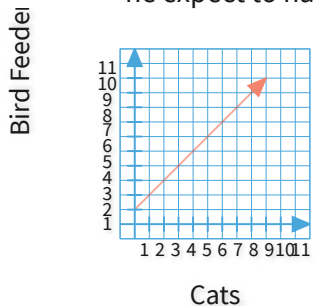


lbs

Show your work

#4

The graph below shows the relationship between the bird feeders and cats in Jacob's yard. If he has 2 bird feeders, how many cats can he expect to have?

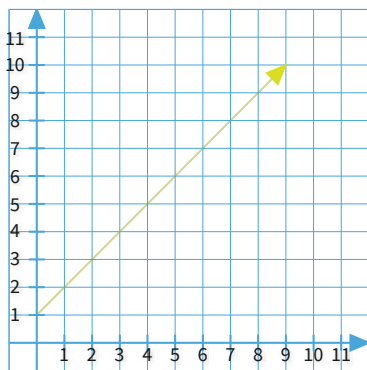


- 1 cat
- 0 cats
- 2 cats
- 4 cats

Show your work

#5

The graph below shows the relationship between fan sales and temperature. If the temperature is 3 degrees, how many fans can a store expect to sell?

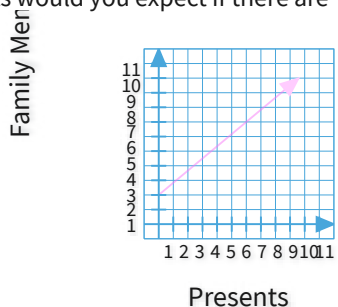


fans

Show your work

#6

If the graph below shows the relationship between the number of extended family members and the number of presents under the Christmas tree, how many presents would you expect if there are 7 family members coming over?

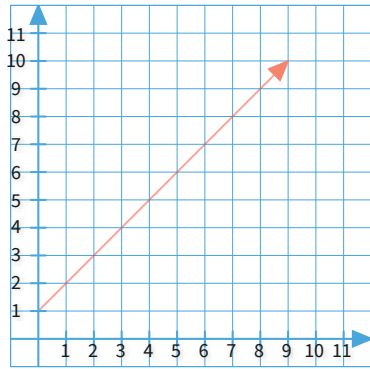


- 8 presents
- 6 presents
- 3 presents
- 7 presents

Show your work

#7

There is a relationship between the population diversity of fish and how many species of predators are in the area. If there are 4 different species of non-predatory fish, how many types of predators are in the area?



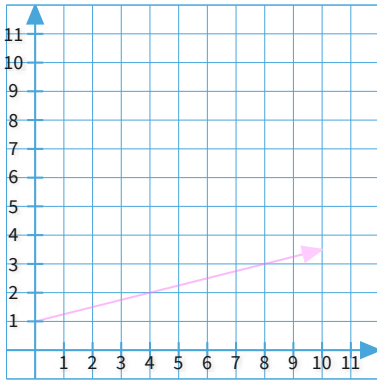
Predators

predators

Show your work

#8

For each additional 40 cars a dealership buys they receive a certain amount of money back. How much money do they save for each 40 cars?



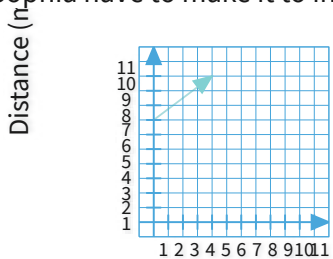
Number of additional cars

\$

Show your work

#9

This graph shows how the distance Sophia runs depends on the number of track practices she makes it to. How many track practices would Sophia have to make it to in order to run 10 miles?

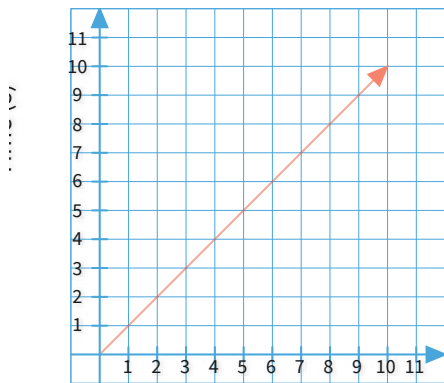


- 4 practices
- 5 practices
- 6 practices
- 1 practice

Show your work

#10

This graph shows how the time required to complete an online shopping transaction is related to the number of products being purchased. If it takes 2 seconds to complete a transaction, how many products are being purchased?



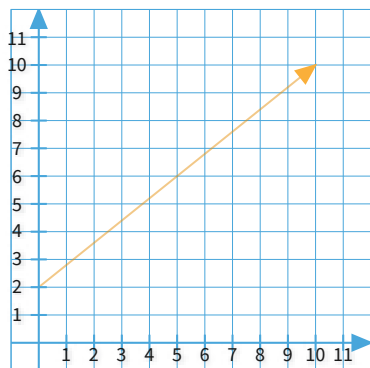
Products being purchased

products

Show your work

#11

The graph below shows the relationship between number of hours of work and the number of videos watched on the internet. If Landon works 6 hours, how many videos will they likely watch?



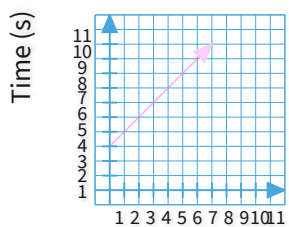
Internet Videos

videos

Show your work

#12

This graph shows how the time required to complete an online shopping transaction is related to the number of products being purchased. If it takes 9 seconds to complete a transaction, how many products are being purchased?



Products being purchased

- 8 products
- 7 products
- 6 products
- 4 products

Show your work

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