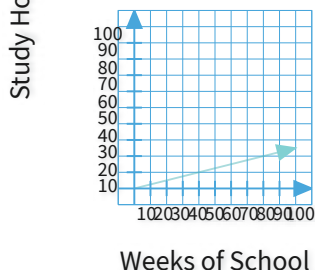




#1

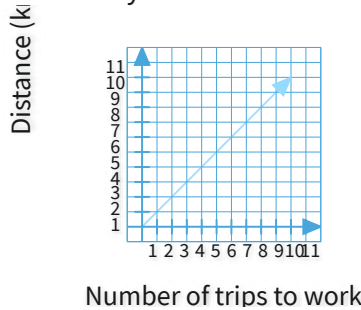
The graph below shows the relationship between weeks of school and number of study hours. What is the constant of variation? Write your answer as a decimal or integer.

☐ 1☐ 4☐ 0.25☐ 2

Show your work

#2

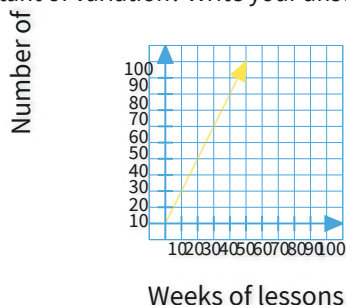
This graph shows how the distance Zoe has cycled depends on the number of trips she has taken to work. What is the constant of variation? Write your answer as a decimal or integer.

☐ 4☐ 3☐ 2☐ 1

Show your work

#3

This graph shows how the total number of musical pieces Christopher has learned depends on the number of weeks he has taken piano lessons. What is the constant of variation? Write your answer as a decimal or integer.

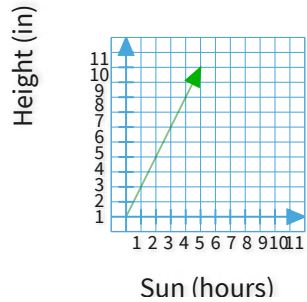
☐ 1☐ 4☐ 3☐ 2

Show your work



#4

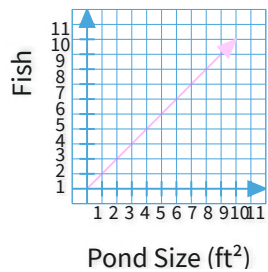
The graph below shows how size of sunflower relates to how many house of sun there are. What is the constant of variation? Write your answer as a decimal or integer.

☐ 0.5☐ 0.25☐ 2☐ 3

Show your work

#5

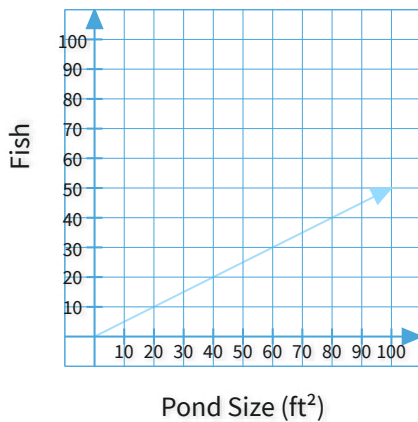
The graph shows how the number of fish in a pond is related to the size of the pond. What is the constant of variation? Write your answer as a decimal or integer.

☐ 4☐ 3☐ 1☐ 2

Show your work

#6

The graph shows how the number of fish in a pond is related to the size of the pond. What is the constant of variation? Write your answer as a decimal or integer.

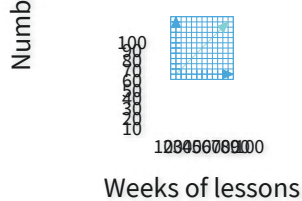
 fish per ft²

Show your work



#7

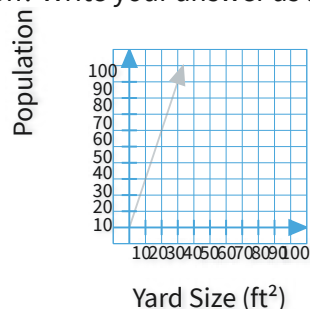
This graph shows how the total number of musical pieces Elizabeth has learned depends on the number of weeks she has taken piano lessons. What is the constant of variation? Write your answer as a decimal or integer.

 pieces per week

Show your work

#8

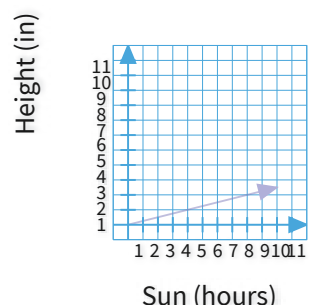
The graph below shows how the total number of rabbits in a year is related to how big the yard is in square feet. What is the constant of variation? Write your answer as a decimal or integer.

☐ 4☐ 3☐ 0.5☐ 2

Show your work

#9

The graph below shows how size of sunflower relates to how many hours of sun there are. What is the constant of variation? Write your answer as a decimal or integer.

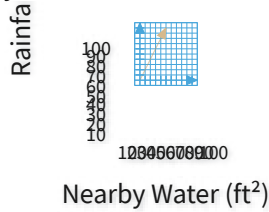
☐ 0.25☐ 4☐ 2☐ 0.5

Show your work



#10

The graph below shows how the amount of rain relates to how many square feet of water are nearby. What is the constant of variation? Write your answer as a decimal or integer.

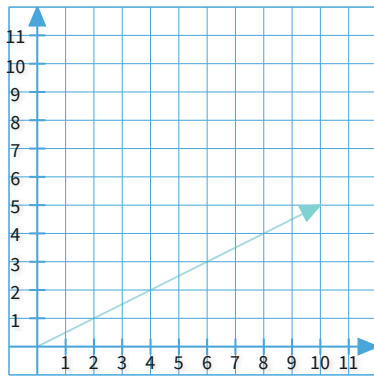


inches per ft²

Show your work

#11

This graph shows how the distance Ella has cycled depends on the number of trips she has taken to work. What is the constant of variation? Write your answer as a decimal or integer.

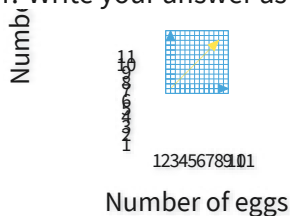


km per trip

Show your work

#12

This graph shows how the number of cakes Brayden can bake is related to the number of eggs he has. What is the constant of variation? Write your answer as a decimal or integer.



cakes per egg

Show your work

Question	Answer
#1	choice 3
#2	choice 4
#3	choice 4
#4	choice 3
#5	choice 3
#6	0.5
#7	1
#8	choice 2
#9	choice 1
#10	2
#11	0.5
#12	1