

#1

If Chloe can cycle 3 kilometers in a day, write an equation that shows the relationship between the number of days x and the total number of kilometers cycled y .

$$y = \boxed{}$$

Show your work

#2

Each day in Paris Alexander buys 5 cups of coffee. If he spends 6 days in Paris, how many cups of coffee will he have bought?

cups of coffee

Show your work

#3

Over 3 hours Jackson counted 8 cars each hour driving down his street. How many cars in total did he see?

cars

Show your work

#4

Hailey can drive 3 kilometers on a tank of gas. Write an equation that shows the relationship between the number of tanks of gas x and the total number of kilometers y .

$$y = \square$$

Show your work

#5

Michael can take 6 bags of groceries in each trip from the car. Write an equation that shows the relationship between the number of trips x and the number of bags of groceries y .

$$y = \square$$

Show your work

#6

Choose the best answer

Every hour Noah counted how many birds were at the feeder. Each hour he counted 8 birds, and he checked for 7 hours. How many total birds were at the feeder over the time period Noah was counting?

- 56 60
- 45 46

Show your work

#7

Luke can grow 5 plants with every seed packet. Write an equation that shows the relationship between the number of seed packets x and the total number of plants y .

$$y = \square$$

Show your work

#8

Choose the best answer

A bus can take 5 passengers. The city needs to figure out how many buses they need to transport enough people that use the system. Write an equation that shows the relationship between the number of buses x and the total number of passengers y .

- $y = 3x$ $y = 5x$
 $y = 2x$ $y = 7x$

Show your work

#9

Addison spends 10 days collecting bottles off the street. If she collects 10 bottles a day, how many does she have in total?

bottles

Show your work

#10

Choose the best answer

Over 5 days Matilda paid attention to how many times her mom bought milk. Each day she counted 7 occurrences of her mom buying milk. How many times in total did her mom buy milk in those 5 days.

- 44 35
- 42 32

Show your work

#11

Choose the best answer

Zoe can drive 5 kilometers on a tank of gas. Write an equation that shows the relationship between the number of tanks of gas x and the total number of kilometers y .

- $y = 6x$ $y = 2x$
- $y = 4x$ $y = 5x$

Show your work

#12

Kevin can take 7 bags of groceries in each trip from the car. Write an equation that shows the relationship between the number of trips x and the number of bags of groceries y .

$$y = \boxed{}$$

Show your work

Question	Answer
#1	$3x$
#2	30
#3	24
#4	$3x$
#5	$6x$
#6	56
#7	$5x$
#8	choice 2
#9	100
#10	35
#11	choice 4
#12	$7x$