

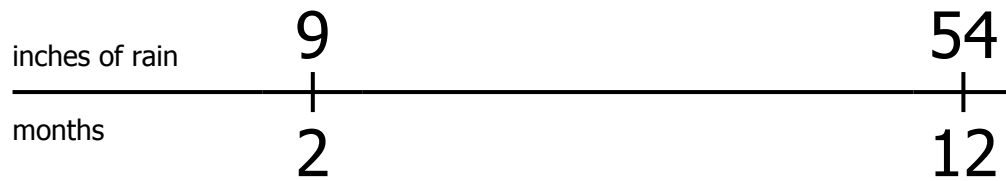
Name: _____



Proportional Reasoning (C)

A.

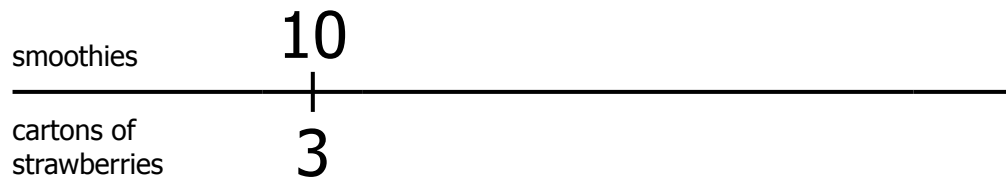
A forest gets 9 inches of rain every 2 months.
How many inches of rain would it get in 12 months?



Answer: 54 inches of rain

B.

A juice store makes 10 smoothies with 3 cartons of strawberries.
How many smoothies can the store make with 24 cartons of strawberries?



Answer: _____ smoothies

Name: _____



Proportional Reasoning (P)

A.

A dishwasher uses 84 gallons of water every 24 cycles.
How many gallons of water would it use for 4 cycles?

gallons of water

cycles

Answer: _____ gallons of water

B.

A bakery uses 126 cups of sugar to make 49 cakes.
How many cups of sugar does the baker need to make 7 cakes?

cups of sugar

cakes

Answer: _____ cups of sugar

Name: _____



Proportional Reasoning (P)

A.

A farm uses 280 pounds of fertilizer for every 72 fields.
How many pounds of fertilizer would be used for 9 fields?

pounds of fertilizer

fields

Answer: _____ pounds of fertilizer

B.

A pizzeria uses 432 cups of cheese to make 63 pizzas.
How many cups of cheese would it need to make 7 pizzas?

cups of cheese

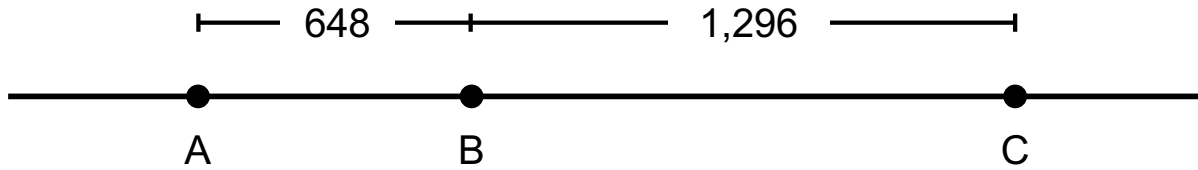
pizzas

Answer: _____ cups of cheese

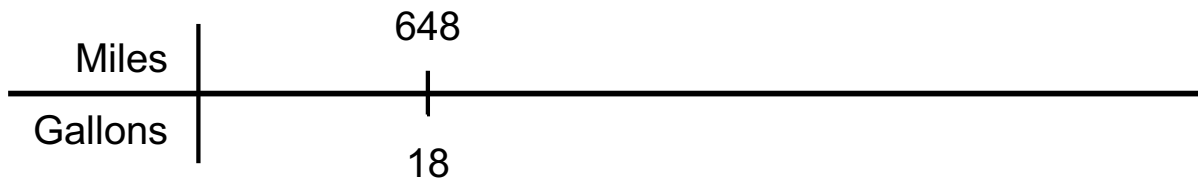
Name: _____

Problem of the Day Lesson 84

The distances between cities A, B, and C are shown, in miles.



For each question, explain your reasoning and use a double-sided number line to visualize and think proportionally.



- a. Mario uses 18 gallons of gas to drive from A to B.
How many gallons of gas will he need to drive from B to C?

- b. How many gallons of gas will Mario need to drive from A to C?

Name: _____

FILL IN THE BLANK - C

Use digits from the bank to correctly fill the blanks in the word problems below.
Each digit can be used only once.

Digit Bank
0 1 2 3 4 5 6 7 8 9

If Abe plants 4 trees in 2 hours,
he can plant ____ trees in ____ hours.

If Beth plants 9 trees in ____ hours,
she can plant 3__ trees in 12 hours.

If Carl plants ____ trees in 4 hours,
he can plant 25 trees in 2__ hours.

If Debbie plants 3 trees in ____ hours,
she can plant __5 trees in 10 hours.

If Ellen plants ____ trees in 3 hours,
she can plant 21 trees in ____ hours.