

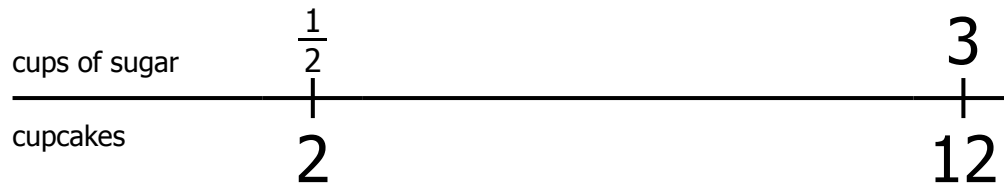
Name: _____



Proportional Reasoning (C)

A.

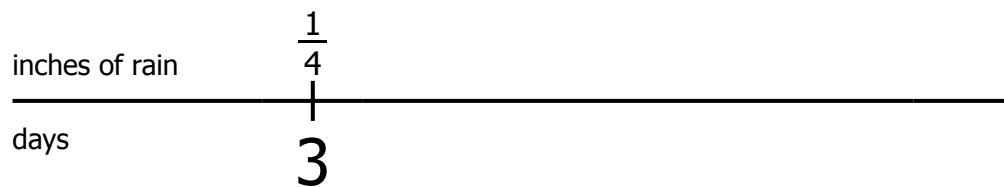
A baker uses $\frac{1}{2}$ cup of sugar to make 2 cupcakes.
How many cups of sugar does the baker need to make 12 cupcakes?



Answer: 3 cups of sugar

B.

A forest gets $\frac{1}{4}$ inch of rain every 3 days.
How many inches of rain would it get in 24 days?



Answer: _____ inches of rain

Name: _____



Proportional Reasoning (P)

A.

An ice cream store makes $\frac{1}{2}$ gallon of ice cream with 3 cups of sugar.
How many gallons of ice cream can the store make with 1 cup of sugar?

gallons of ice cream

cups of sugar

Answer: _____ gallons of ice cream

B.

A dishwasher uses $\frac{1}{4}$ gallon of water every 4 cycles.
How many gallons of water would it use for 2 cycles?

gallons of water

cycles

Answer: _____ gallons of water

Name: _____



Proportional Reasoning (P)

A.

A pizzeria uses $\frac{1}{3}$ pound of dough to make 3 pizzas.
How many pounds of dough would it need to make 1 pizza?

pounds of dough

pizzas

Answer: _____ pounds of dough

B.

A plant needs $\frac{1}{5}$ gallon of water every 8 days.
How many gallons of water would it need every 2 days?

gallons of water

days

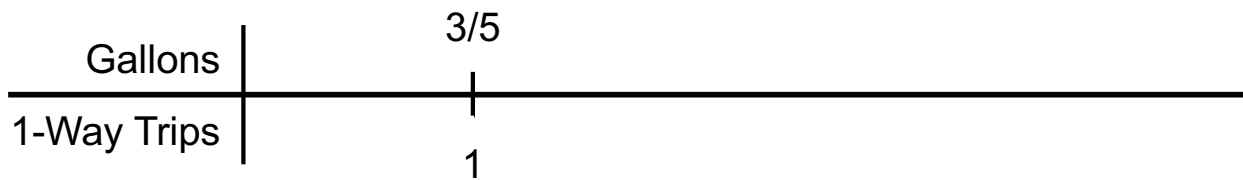
Answer: _____ gallons of water

Name: _____

Problem of the Day Lesson 86

Greg uses $\frac{3}{5}$ gallon of gas to drive his kids to hockey practice, and twice as much gas to drive them to practice and home again (round trip).

For each question, explain your reasoning and use a double-sided number line to think proportionally. Give your answer as a mixed number.



a. How many gallons does Greg need to drive round trip to practice?

b. How many gallons does Greg need to drive round trip 8 times?

Name: _____

FILL IN THE BLANK - E

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

Digit Bank
4 5 6 7 8 9

If Axle types 30 words in $\frac{1}{2}$ minute,
he can type ___0 words in 1 minute.

If Becky types 12 words in $\frac{1}{5}$ minute,
she can type 1__0 words in 3 minutes.

If Calvin types 25 words in $\frac{1}{3}$ minute,
he can type ___5 words in 1 minute.

If Devon types 8 words in $\frac{1}{6}$ minute,
he can type ___6 words in 2 minutes.

If Elizabeth types 1__ words in $\frac{1}{_}$ minute,
she can type 30 words in $\frac{1}{2}$ minute.