Find the unit rate for the situation.

Hours
```
0    12   24   36   48   60
├────┼────┼────┼────┼────┤──►
0     2    4    6    8   10
```
Days

_____ hours per day

Markers
```
0     8   16   24   32   40
├─────┼────┼────┼────┼────┤──►
0     1    2    3    4    5
```
Packages

_____ markers per package
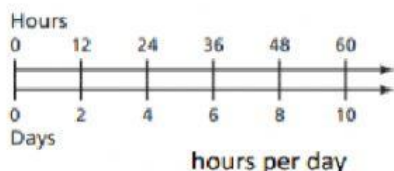
250 words in 5 minutes   _____ words per minute

$1.98 for 6 bananas $_____ per banana

20 meters in 4 seconds   _____ meters per second

400 miles on 20 gallons   _____ per gallon

Determine which is the better buy: A or B.

Hand Soap	A	B
Cost (dollars)	1	4
Fluid ounces	8	50

Beef	A	B
Cost (dollars)	7.38	9.57
Pounds	2	3

Compare Ratios and Rates

Homework

ONLINE
Ed
Video Tutorials and
Interactive Examples

Brookberry Farms
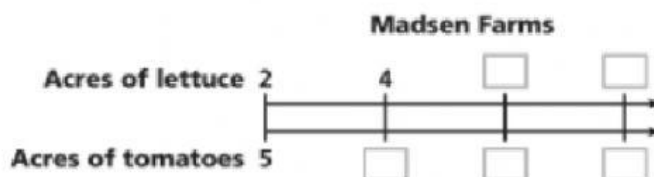3 acres lettuce
7 acres tomatoes

MADSEN FARMS
2 acres lettuce
5 acres tomatoes

1. Two farms grow lettuce and tomatoes as shown on the labels.

   A. Complete the double number line to find equivalent ratios to 3 acres of lettuce to 7 acres of tomatoes.

   Brookberry Farms

   Acres of lettuce   3   [ ]   [ ]   [ ]
   ```
   ├────┼────┼────┼──►
   ```
   Acres of tomatoes   7   [ ]   21   [ ]
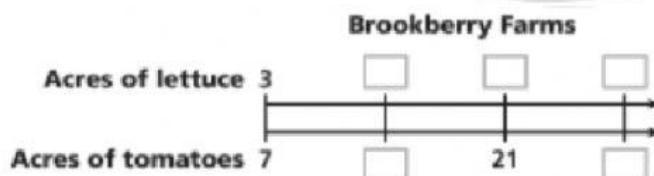
   B. Complete the double number line to find equivalent ratios to 2 acres of lettuce to 5 acres of tomatoes.

   Madsen Farms

   Acres of lettuce   2   4   [ ]   [ ]
   ```
   ├────┼────┼────┼──►
   ```
   Acres of tomatoes   5   [ ]   [ ]   [ ]

   C. Which farm has a greater ratio of acres of lettuce to acres of tomatoes? How do you know?

   _____

Write the ratio in simplest form.

bottles to cans

____ : ____

forks to spoons

____ : ____

apples to pears

____ : ____

golf balls to golf tees

____ : ____

15) The tape diagram models the lengths of two snowboarding trails. The beginner trail is 200 meters long. How long is the expert trail?

Beginner Trail

Expert Trail

A. 800   C. 600
B. 900   D. 700

16) The tape diagram represents the ratio of the time you spend tutoring to the time your friend spends tutoring. You tutor for 3 hours. How many hours does your friend spend tutoring?

You

Friend

A. 3 HRS

B. 6 HRS

C. 10 HRS