

# Card #1

10 pounds of  
bananas for  
\$14.90  
  
\$1.49 per pound

A preschool has a  
student to teacher ratio  
of 5:2. If there are 45  
students, how many  
teachers are there?

# Card #7

18

José is using 12 brown tiles and 8 white tiles to design a section of an outdoor patio. Write a ratio that compares the number of brown tiles to the total number of tiles in one section.

# Card #4

12 : 20

The table shows the party affiliation of the 100 senators of the 109th Congress. The ratio of Republicans to Democrats is 5:4. How many senators are Democrats? Independents?

<b>Party Affiliation</b>	<b>Number of Senators</b>
Republican	55
Democrat	
Independent	

# Card #8

44 Democrats  
and  
1 Independent

An animal shelter has a ratio of cats to dogs that is 9:7. If the shelter only houses dogs and cats, what is the ratio of dogs to total animals?

# Card #5

7: 16

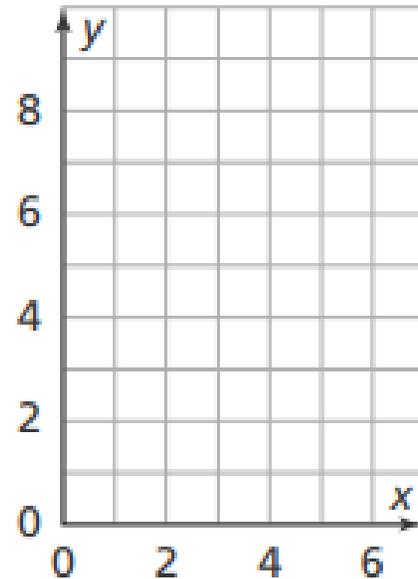
Shelter A has a ratio of cats to dogs that is 9: 7. A second shelter B has a ratio of cats to dogs of 6 to 5. If both shelters have 18 cats, which shelter has more dogs?

# Card #2

B

Complete the ratio table. Then plot the pairs of values on the coordinate plane.

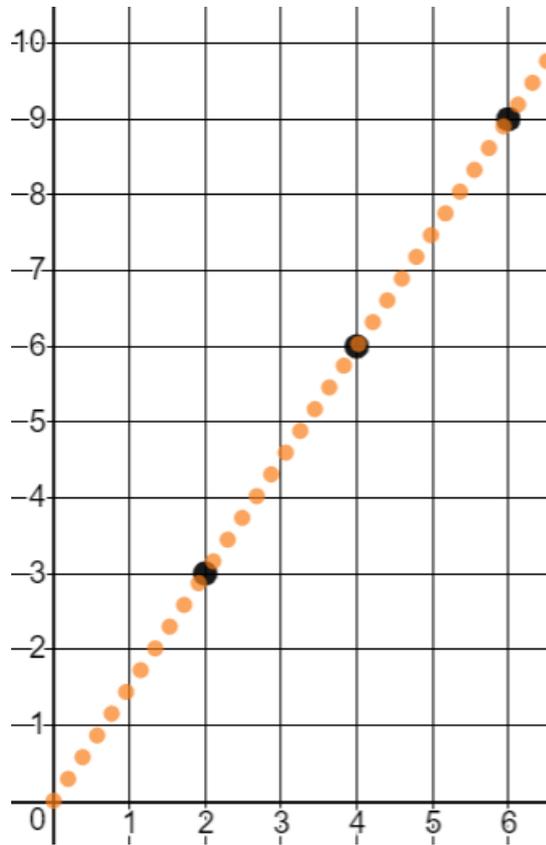
Ratio Table	
$x$	$y$
2	3
4	



# Card #6

Ratio  
Table

x	y
2	3
4	6
6	9



If Mrs. Banks made 44 quarts of jelly, how many gallons did she make?

# Card #9

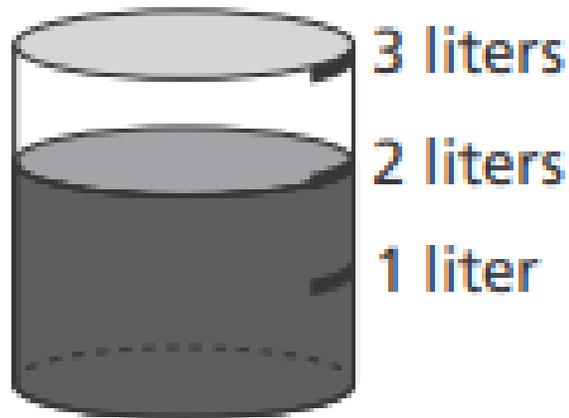
11

In 1 hour, 32 cars pass through a particular intersection. At the same rate, how long would it take for 96 cars to pass through the intersection?

# Card #3

3 hours

How many milliliters of liquid are in the container below?



# Card #12

2000

A loaf of bread weighs about 1 pound. Choose all of the metric measures that are less than 1 pound.

1 kg

0.5 kg

500 g

450 g

100 g

# Card #11

450 g  
100 g

April can buy a package of 10 folders for \$1.20 or a package of 8 folders for \$1.12. What is the unit price, per folder, in each package?

# Card #10

\$ 0.12 per  
folder  
\$0.14 per  
folder

Jessica is buying several bunches of bananas to make desserts for a fundraiser. She can buy 10 pounds of bananas for \$14.90 or 8 pounds of bananas for \$12.08. Which is the better buy? Explain