

Name \_\_\_\_\_

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

How many  $\frac{1}{8}$  l glasses of juice can you pour from a  $\frac{1}{2}$  l bottle of juice? Be sure to show your work.

- A 2
- B 4
- C 6
- D 8

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

The area of the rectangular piece of carpet is  $\frac{3}{4}$  m<sup>2</sup>. How many pieces of carpet are needed to cover the floor with the area of  $\frac{3}{2}$  m<sup>2</sup>? Be sure to show your work.

- A 2
- B 3
- C 4
- D 6

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

Rufus the Dog runs  $\frac{1}{2}$  mile in a minute. What is the average speed of the dog per hour? Be sure to show your work.

- A 2 mi/h
- B 30 mi/h
- C 60 mi/h
- D 120 mi/h

Name \_\_\_\_\_

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

How many  $\frac{1}{10}$  kg cones of ice cream can you make from a  $\frac{1}{2}$  kg pack of ice cream? Be sure to show your work.

A 20

B 10

C 5

D 2

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

The area of a tile is  $\frac{1}{9}$   $\text{yd}^2$ . How many tiles are needed to cover the walkway with the area of  $\frac{2}{3}$   $\text{yd}^2$ ? Be sure to show your work.

A 2

B 3

C 6

D 9

Common Core Standard 7.RP.A.1 – Ratios &amp; Proportional Relationships

A clown fish swims  $\frac{1}{3}$  mile in 5 minutes. What is the average speed of a clown fish per hour? Be sure to show your work.

A 3 mi/h

B 4 mi/h

C 12 mi/h

D 15 mi/h