



Ratio, Proportion & Percent

Math

Name _____ Class _____ Date _____

- 1 Keri has a bag of marbles. There are 14 black marbles, 7 blue marbles, and 8 green marbles. What is the ratio of black marbles to all the marbles? Circle it.

7:29



14:29



14:14



- 6 Amanda has 17 blue marbles, 4 orange marbles, and 18 violet marbles in her pocket. What is the ratio of blue marbles to violet marbles? Write it.



- 2 Mark has the following: 3 black marbles, 13 orange marbles, and 4 violet marbles.

- 7 Write the decimal as a percent.

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PREVIEW

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- 3

- 4

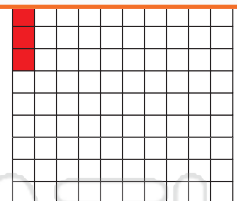
10:5

5/10

10 to 5

1/5

$$\frac{4}{100}$$



- 5 Are these ratios proportional? Write yes or no next to each pair.

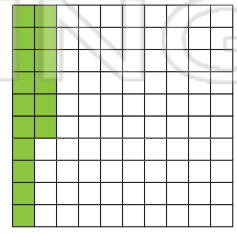
$$\frac{9}{36} = \frac{6}{24}$$

$$\frac{7}{5} = \frac{20}{28}$$

$$\frac{8}{9} = \frac{24}{27}$$

- 10 Write the percent as a fraction.

16%





Ratio, Proportion & Percent - Answer Key

Math

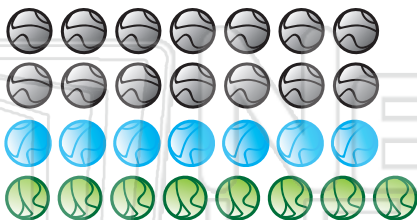
Name _____ Class _____ Date _____

1 Keri has a bag of marbles. There are 14 black marbles, 7 blue marbles, and 8 green marbles. What is the ratio of black marbles to all the marbles? Circle it.

7:29

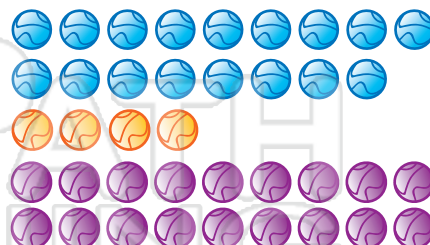
14:29

14:14



6 Amanda has 17 blue marbles, 4 orange marbles, and 18 violet marbles in her pocket. What is the ratio of blue marbles to violet marbles? Write it.

17:18



2 Mark has the following: 3 black marbles, 13 orange marbles, and 4 violet marbles.

7 Write the decimal as a percent.



3 **PREVIEW**
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4 10:5

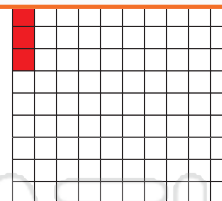
5/10

10 to 5

1/5

$\frac{4}{100}$

0.60



5 Are these ratios proportional? Write yes or no next to each pair.

$\frac{9}{36} = \frac{6}{24}$ yes

$\frac{7}{5} = \frac{20}{28}$ no

$\frac{8}{9} = \frac{24}{27}$ yes

10 Write the percent as a fraction.

16%

$\frac{16}{100}$

