

6.RP.1 NAME: _____

RATIO PRACTICE #1

- 1.) The ratio of adult ducks to baby ducks in a pond is 2 to 9.

Use ratio language to describe the ratio relationship between these two quantities.

- 2.) Which of the following ratio(s) are equivalent?

A. 9 to 2 Yes or No

Why? _____

B. 4 to 18 Yes or No

Why? _____

C. 6 to 36 Yes or No

Why? _____

D. 8 to 36 Yes or No

Why? _____

- 3.) Write three more equivalent ratios that were not used in number 2.

- 4.) The ratio of right-handed students to left-handed students in Julie's art class is 15: 6.

Use ratio language to describe the ratio relationship between these two quantities.

- 5.) Which of the following ratio(s) are equivalent?

A. 5 : 2 Yes or No

Why? _____

B. 30 : 12 Yes or No

Why? _____

C. 10 : 3 Yes or No

Why? _____

D. 45 : 18 Yes or No

Why? _____

- 6.) Write three more equivalent ratios that were not used in number 5.

- 7.) Tammy is making a beaded bracelet for her mother. The ratio of blue to gold beads for the bracelet is $\frac{18}{10}$.

Use ratio language to describe the ratio relationship between these two quantities.

- 8.) Which of the following ratio(s) are equivalent?

- A. $\frac{9}{5}$ Yes or No

Why? _____

- B. $\frac{36}{24}$ Yes or No

Why? _____

- C. $\frac{54}{30}$ Yes or No

Why? _____

- D. $\frac{54}{60}$ Yes or No

Why? _____

- 9.) Write three more equivalent ratios that were not used in number 8.

Use ratio language to describe the ratio relationship between these two quantities.

- 11.) Which of the following ratio(s) are equivalent?

- A. 8 trucks to 5 cars Yes or No

Why? _____

- B. 10 trucks to 15 cars Yes or No

Why? _____

- C. 32 trucks to 28 cars Yes or No

Why? _____

- D. 50 trucks to 80 cars Yes or No

Why? _____

- 12.) Write three more equivalent ratios that were not used in number 11.

RATIO PRACTICE #4

3.) The ratio of red blocks to green blocks is 3 to 8.

Use ratio language to describe the ratio relationship between these two quantities.

4.) Which of the following ratio(s) are equivalent?

A. 6 to 24 Yes or No

Why? _____

B. 9 to 24 Yes or No

Why? _____

C. 6 to 16 Yes or No

Why? _____

D. 12 to 32 Yes or No

Why? _____

5.) Write three more equivalent ratios that were not used in number 2.

4.) The ratio of black cars to red cars in the parking lot is 12: 8.

Use ratio language to describe the ratio relationship between these two quantities.

5.) Which of the following ratio(s) are equivalent?

A. 12 : 10 Yes or No

Why? _____

B. 6 : 4 Yes or No

Why? _____

C. 15 : 9 Yes or No

Why? _____

D. 24 : 16 Yes or No

Why? _____

6.) Write three more equivalent ratios that were not used in number 5.

- 7.) Danny is painting model airplanes. The ratio of silver airplanes to sky blue airplanes is $\frac{2}{3}$.

Use ratio language to describe the ratio relationship between these two quantities.

- 8.) Which of the following ratio(s) are equivalent?

A. $\frac{6}{9}$ Yes or No

Why? _____

B. $\frac{4}{6}$ Yes or No

Why? _____

C. $\frac{8}{12}$ Yes or No

Why? _____

D. $\frac{12}{16}$ Yes or No

Why? _____

- 9.) Write three more equivalent ratios that were not used in number 8.

- 10.) The ratio of aerobic exercise classes to yoga classes at the gym is 4 to 3.

Use ratio language to describe the ratio relationship between these two quantities.

- 11.) Which of the following ratio(s) are equivalent?

A. 16 aerobic to 12 yoga Yes or No

Why? _____

B. 12 aerobic to 9 yoga Yes or No

Why? _____

C. 24 aerobic to 20 yoga Yes or No

Why? _____

D. 28 aerobic to 21 yoga Yes or No

Why? _____

- 12.) Write three more equivalent ratios that were not used in number 11.

6.RP.1 NAME: _____

RATIO PRACTICE #6

- 1.) The ratio of Sprite pop cans to Coke pop cans at the picnic is 9 to 6.

Use ratio language to describe the ratio relationship between these two quantities.

- 2.) Which of the following ratio(s) are equivalent?

A. 27 to 12 Yes or No

Why? _____

B. 36 to 24 Yes or No

Why? _____

C. 18 to 12 Yes or No

Why? _____

D. 3 to 2 Yes or No

Why? _____

- 3.) Write three more equivalent ratios that were not used in number 2.

- 4.) The ratio of chocolate donuts to jelly-filled donuts is 12 : 15.

Use ratio language to describe the ratio relationship between these two quantities.

- 5.) Which of the following ratio(s) are equivalent?

A. 4 : 3 Yes or No

Why? _____

B. 6 : 5 Yes or No

Why? _____

C. 24 : 30 Yes or No

Why? _____

D. 4 : 5 Yes or No

Why? _____

- 6.) Write three more equivalent ratios that were not used in number 5.

- 7.) Ellen is making candy baskets for a baby shower. The ratio of candy baskets filled with Snickers to candy baskets filled with Milky Ways is $\frac{36}{32}$.

Use ratio language to describe the ratio relationship between these two quantities.

- 8.) Which of the following ratio(s) are equivalent?

A. $\frac{18}{16}$ Yes or No

Why? _____

B. $\frac{9}{8}$ Yes or No

Why? _____

C. $\frac{12}{8}$ Yes or No

Why? _____

D. $\frac{72}{64}$ Yes or No

Why? _____

- 9.) Write three more equivalent ratios that were not used in number 8.

- 10.) The ratio of Michigan State shirts to The University of Michigan shirts on spirit day is 5 to 4. Use ratio language to describe the ratio relationship between these two quantities.

- 11.) Which of the following ratio(s) are equivalent?

A. 15 MSU to 8 U of M Yes or No

Why? _____

B. 10 MSU to 8 U of M Yes or No

Why? _____

C. 15 MSU to 12 U of M Yes or No

Why? _____

D. 10 MSU to 12 U of M Yes or No

Why? _____

- 12.) Write three more equivalent ratios that were not used in number 11.

6.RP.1 NAME: _____

RATIO PRACTICE #5

- 1.) The ratio of sandals to sneakers by the pool is 4 to 9.

Use ratio language to describe the ratio relationship between these two quantities.

- 2.) Which of the following ratio(s) are equivalent?

A. 8 to 27 Yes or No

Why? _____

B. 20 to 45 Yes or No

Why? _____

C. 12 to 27 Yes or No

Why? _____

D. 16 to 36 Yes or No

Why? _____

- 3.) Write three more equivalent ratios that were not used in number 2.

- 4.) The ratio of right-handed desks to left-handed desks in a college classroom is 8 : 5.

Use ratio language to describe the ratio relationship between these two quantities.

- 5.) Which of the following ratio(s) are equivalent?

A. 16 : 10 Yes or No

Why? _____

B. 32 : 24 Yes or No

Why? _____

C. 24 : 15 Yes or No

Why? _____

D. 40 : 25 Yes or No

Why? _____

- 6.) Write three more equivalent ratios.

- 7.) Linda is making bookmarks for the school book fair. The ratio of red bookmarks to blue bookmarks is $\frac{24}{16}$.

Use ratio language to describe the ratio relationship between these two quantities.

- 8.) Which of the following ratio(s) are equivalent?

- A. $\frac{12}{8}$ Yes or No

Why? _____

- B. $\frac{15}{12}$ Yes or No

Why? _____

- C. $\frac{48}{32}$ Yes or No

Why? _____

- D. $\frac{3}{2}$ Yes or No

Why? _____

- 9.) Write three more equivalent ratios that were not used in number 8.

- 10.) The ratio of brown pants to tan pants on the clothing rack is 6 to 8.
Use ratio language to describe the ratio relationship between these two quantities.

- 11.) Which of the following ratio(s) are equivalent?

- A. 3 brown to 4 tan Yes or No

Why? _____

- B. 30 brown to 45 tan Yes or No

Why? _____

- C. 18 brown to 24 tan Yes or No

Why? _____

- D. 12 brown to 16 tan Yes or No

Why? _____

- 12.) Write three more equivalent ratios that were not used in number 11.