Ratios & Percents Quiz

6th Grade · 11 questions · Math for Parents – 6th Grade, Book 2: Ratios & Percents

Name _____ Date _____ Score: ___ / 11

Circle the best answer. Each question matches one lesson. **Stuck?** Watch that lesson's short video first. **Done?** Scan the code to get the free answer key.

LESSON 1

1 **A class has 12 girls and 15 boys. What is the ratio of girls to all students?**

(A) 15 : 12
(B) 12 : 27
(C) 12 : 15
(D) 15 : 27

LESSON 2

2 **Which ratio is equivalent to 3 : 5?**

(A) 3 : 15
(B) 6 : 8
(C) 9 : 15
(D) 5 : 3

LESSON 3

3 **Juice and water are mixed 2 : 3. If there are 12 cups of water, how much juice is there?**

(A) 10 cups
(B) 8 cups
(C) 6 cups
(D) 18 cups

LESSON 4

4 **Which mix tastes more lemony? Mix A: 2 cups lemon to 3 cups water. Mix B: 3 cups lemon to 5 cups water.**

(A) They taste the same
(B) Mix B
(C) Mix A
(D) You can't tell

LESSON 5

5 **A ratio table shows 1 : 4, 2 : 8 and 3 : 12. If you graph these pairs, what do the points form?**

(A) A circle
(B) A straight line through (0, 0)
(C) Points with no pattern
(D) A curve

LESSON 6

6 **A car goes 150 miles in 3 hours. What is the unit rate?**

(A) 450 miles per hour
(B) 3 miles per hour
(C) $\frac{1}{50}$ mile per hour
(D) 50 miles per hour

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LESSON 7

7 **Which is the best buy?**

- (A) 6 apples for $3.00
- (B) 4 apples for $2.40
- (C) 5 apples for $3.50
- (D) 3 apples for $2.10

LESSON 8

8 **What is $\frac{3}{5}$ written as a percent?**

- (A) 53%
- (B) 35%
- (C) 3.5%
- (D) 60%

LESSON 9

9 **What is 30% of 80?**

- (A) 24
- (B) 2.4
- (C) 50
- (D) 30

LESSON 10

10 **15 is 25% of what number?**

- (A) 375
- (B) 3.75
- (C) 60
- (D) 40

LESSON 11

11 **How many inches are in 4 feet?**

- (A) 48 inches
- (B) 40 inches
- (C) 12 inches
- (D) 16 inches

Check your answers

Get the **free answer key**, with a short "why" for every question and a link to the lesson video.

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