

Equivalent Ratios Practice

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. What is the equivalent ratio of 2:3 when both sides are multiplied by 4?

2. If the ratio of apples to oranges is 5:2, what is the ratio when both sides are multiplied by 3?

3. Circle the equivalent ratio: 1::8:

4 or 2

4. A recipe calls for 3 cups of flour and 2 cups of sugar. If you double the recipe, how much sugar do you need?

5. Complete the ratio: 4:___ = 12:9

6. Find the equivalent ratio of 7:5 when both sides are multiplied by 2.

7. There are 10 blue marbles and 5 red marbles. What is the ratio of blue to red marbles?

8. The ratio 3:5 is equivalent to 6:10.

True False

9. In a classroom, the ratio of boys to girls is 4:6. If there are 12 boys, how many girls are there?

10. What is the equivalent ratio of 9:12 when both sides are divided by 3?

11. What number completes the ratio: 5:___ = 15:9

12. Circle the greater ratio: 1::5:

2 or 3

13. If a car travels 150 miles using 5 gallons of gas, how many miles does it travel per gallon?

14. If the ratio of cats to dogs is 3:4, what is the ratio after multiplying both sides by 3?

15. A fruit basket has a ratio of 2 apples to 3 bananas. If you add 2 more apples, what is the new ratio of apples to bananas?

Answer Key

1. 8:12 2. 15:6 3. 2:8 4. 4 5. 3 6. 14:10 7. 2:1 8. True 9. 18 10. 3:4 11. 3 12. 3:5 13. 30 14. 9:12 15. 4:3