Cotuz

Name: _____ Date: _____

Ratios, Rates and Unit Rates

Grade 6 · Ages 11-12 · Math · Ratios & Rates • ★☆

Write each ratio with a colon in the order the question asks, like 3:5. Where a number is missing from a pair of equal ratios, like 2:3 = 8:?, write it on the line.

1. A pond has 4 ducks and 11 geese. Write the ratio of ducks to geese. _____

2. A jar has 6 red marbles and 11 blue marbles. Write the ratio of blue marbles to red marbles. _____

3. A garden has 11 roses and 5 tulips. Write the ratio of tulips to roses.

_____

4. A farm has 6 goats and 7 sheep. Write the ratio of goats to sheep. _____

5. A tin holds 11 cookies and 8 muffins. Write the ratio of muffins to cookies.

_____

6. A shelf has 7 storybooks and 8 comics. Write the ratio of storybooks to comics.

_____

7. A pencil case holds 9 pencils and 5 pens. Write the ratio of pencils to pens.

_____

8. A basket has 5 apples and 2 oranges. Write the ratio of oranges to apples.

_____

9. A team has 4 players in red and 11 players in blue. Write the ratio of players in blue to players in red.

_____

10. A car park has 3 cars and 5 bikes. Write the ratio of cars to bikes. _____

11. 7:2 = 63:_____

12. 5:3 = _____:9

13. 8:5 = 24:_____

14. 9:8 = _____:48

15. 3:8 = _____:56

16. 3:8 = 30:_____

17. 6:1 = _____:4

18. 1:2 = 6:_____

19. 6:1 = _____:5

20. 1:6 = 2:_____

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ANSWER KEY

Ratios, Rates and Unit Rates

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1. A pond has 4 ducks and 11 geese. Write the ratio of ducks to geese. **4:11**

2. A jar has 6 red marbles and 11 blue marbles. Write the ratio of blue marbles to red marbles. **11:6**

3. A garden has 11 roses and 5 tulips. Write the ratio of tulips to roses. **5:11**

4. A farm has 6 goats and 7 sheep. Write the ratio of goats to sheep. **6:7**

5. A tin holds 11 cookies and 8 muffins. Write the ratio of muffins to cookies. **8:11**

6. A shelf has 7 storybooks and 8 comics. Write the ratio of storybooks to comics. **7:8**

7. A pencil case holds 9 pencils and 5 pens. Write the ratio of pencils to pens. **9:5**

8. A basket has 5 apples and 2 oranges. Write the ratio of oranges to apples. **2:5**

9. A team has 4 players in red and 11 players in blue. Write the ratio of players in blue to players in red. **11:4**

10. A car park has 3 cars and 5 bikes. Write the ratio of cars to bikes. **3:5**

11. 7:2 = 63:**18**

12. 5:3 = **15**:9

13. 8:5 = 24:**15**

14. 9:8 = **54**:48

15. 3:8 = **21**:56

16. 3:8 = 30:**80**

17. 6:1 = **24**:4

18. 1:2 = 6:**12**

19. 6:1 = **30**:5

20. 1:6 = 2:**12**