



Name: _____

Date: _____

1. A recipe uses 7 cups flour to 8 cups sugar. For 35 cups flour, how much sugar?

42

40

39

38

2. A car goes 78 miles in 5 hours. What is the unit rate (miles per hour)?

3. Which ratio is equivalent to 6:3?

8:5

12:3

6:6

12:6

4. Write the ratio 12:20 in simplest form. ____:5

5. 5 notebooks cost \$20. What is the cost per notebook?

6. In a class the ratio of boys to girls is 5:2. If there are 42 students, how many are boys?

31

30

28

33



7. The bar shows the ratio 1:2. If you scale it by 2, what is the new ratio?



3:4

2:4

1:4

2:2

8. A recipe uses 7 cups flour to 2 cups sugar. For 28 cups flour, how much sugar?

9. A car goes 60 miles in 6 hours. What is the unit rate (miles per hour)?

10. Which ratio is equivalent to 4:6?

8:12

8:6

4:12

6:8

11. Write the ratio 2:8 in simplest form. ____:4

12. 7 notebooks cost \$42. What is the cost per notebook?



13. In a class the ratio of boys to girls is 4:4. If there are 40 students, how many are boys?

20

17

19

21

14. The bar shows the ratio 5:2. If you scale it by 4, what is the new ratio?



5:8

20:8

20:2

9:6

15. A recipe uses 7 cups flour to 2 cups sugar. For 14 cups flour, how much sugar?

16. A car goes 22 miles in 5 hours. What is the unit rate (miles per hour)?

17. Which ratio is equivalent to 2:4?

8:4

2:16

6:8

8:16



- 18.** Write the ratio 16:8 in simplest form. ____:1

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Answer Key

1. **40** The ratio 7:8 scales by 5, so sugar = 40.
2. **16** $78 \div 5 = 16$ mph.
3. **12:6** Multiply both parts by 2: 12:6.
4. **3** Divide both by 4: 3:5.
5. **\$4** $20 \div 5 = 4$ per notebook.
6. **30** $5 + 2 = 7$ parts. $42 \div 7 = 6$ per part. Boys = $5 \times 6 = 30$.
7. **2:4** Scale both parts by 2: 2:4.
8. **8** The ratio 7:2 scales by 4, so sugar = 8.
9. **10** $60 \div 6 = 10$ mph.
10. **8:12** Multiply both parts by 2: 8:12.
11. **1** Divide both by 2: 1:4.
12. **\$6** $42 \div 7 = 6$ per notebook.
13. **20** $4 + 4 = 8$ parts. $40 \div 8 = 5$ per part. Boys = $4 \times 5 = 20$.
14. **20:8** Scale both parts by 4: 20:8.
15. **4** The ratio 7:2 scales by 2, so sugar = 4.
16. **4** $22 \div 5 = 4$ mph.
17. **8:16** Multiply both parts by 4: 8:16.
18. **2** Divide both by 8: 2:1.