

Name:

Date:

RATIO AND PROPORTION WORD PROBLEMS

Solve each problem and round your answer to the nearest whole number.

1. The ratio of boys to girls in a class is 3:2. If there are 30 boys, how many girls are there?
Answer:
2. A recipe calls for flour and sugar in the ratio 4:1. If 20 cups of flour are used, how much sugar is needed?
Answer:
3. The ratio of the ages of two brothers is 5:3. If the older brother is 25 years old, how old is the younger one?
Answer:
4. The ratio of cats to dogs is 7:5. If there are 35 cats, how many dogs are there?
Answer:
5. A map is drawn with a scale of 1 cm : 5 km. If two cities are 9 cm apart on the map, what is the real distance between them?
Answer:
6. The ratio of apples to oranges in a basket is 2:3. If there are 24 oranges, how many apples are there?
Answer:
7. The ratio of blue balls to red balls is 4:7. If there are 44 balls in total, how many are red?
Answer:
8. Two numbers are in the ratio 2:5. If their sum is 35, find the numbers.
Answer: 10 and 25
9. The ratio of length to width of a rectangle is 3:2. If the width is 8 cm, what is the length?
Answer:
10. The ratio of students who like math to those who like science is 6:4. If 24 students like math, how many like science?
Answer: