

Find a quantity given one part and the ratio

NAME	DATE	SCORE / 10
------	------	----------------------

- 1** The ratio of boys to girls in a club is 4:9. There are 36 girls in the club. How many children are in the club in all?

- 2** The ratio of boys to girls in a club is 8:3. There are 16 boys in the club. Maya says there are 11 girls, because 3 is 5 less than 8, and $16 - 5 = 11$. How many girls are in the club?

- 3** Green paint is mixed from blue and yellow paint in the ratio 4:1. Maya uses 7 cups of yellow paint. How many cups of blue paint does Maya use?

- 4** The ratio of boys to girls in a club is 7:2. There are 12 girls in the club. Ben says there are 17 boys, because 7 is 5 more than 2, and $12 + 5 = 17$. How many boys are in the club?

- 5** The ratio of boys to girls in a club is 5:3. There are 15 boys in the club. How many girls are in the club?

- 6** The ratio of boys to girls in a club is 4:7. There are 35 girls in the club. Maya says there are 32 boys, because 4 is 3 less than 7, and $35 - 3 = 32$. How many boys are in the club?

- 7** A gardener mixes soil and compost in the ratio 7:5. The gardener uses 35 litres of soil. How many litres of the mix does the gardener make?

- 8** A bag has red and blue marbles in the ratio 4:3. There are 18 blue marbles in the bag. Maya says there are 19 red marbles, because 4 is 1 more than 3, and $18 + 1 = 19$. How many red marbles are in the bag?

- 9** Noah and Cleo save money in the ratio 5:1. Noah saves \$40. How much money does Cleo save, in dollars?

- 10** A bag has red and blue marbles in the ratio 3:8. There are 18 red marbles in the bag. Leo says there are 23 blue marbles, because 8 is 5 more than 3, and $18 + 5 = 23$. How many blue marbles are in the bag?

Find a quantity given one part and the ratio

1	52
---	----

3	28
---	----

5	9
---	---

7	60
---	----

9	8
---	---

2	6
---	---

4	42
---	----

6	20
---	----

8	24
---	----

10	48
----	----