

Sharing in a ratio

Year 7 · Ratio & Proportion · y7-ratio-share

Name: _____

Date: _____

Class: _____

Score: ____ / ____

Instructions

Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

1. Share 42 in the ratio 1:5. Give the two parts separated by a comma.

2. Share 56 in the ratio 3:5. Give the two parts separated by a comma.

3. Share 60 in the ratio 2:3. Total parts = $2+3 = 5$. Find 1 part, then give both parts separated by a comma.

4. A bag of 54 marbles is shared between two children in the ratio 4:5. How many marbles does the child with the larger share receive?

5. Share 90 in the ratio 2:7. Give the two parts separated by a comma.

6. £72 is shared between Sam and Jamie in the ratio 1:3. How much does Jamie receive? Give your answer in pounds.

7. Sand and gravel are mixed in the ratio 3:5. There are 40 kg altogether. First find 1 part, then find how many kg of sand there are.

8. Blue and yellow paint are mixed in the ratio 1:4. If the blue paint is 15 ml, how many ml of yellow paint are needed?

Challenge

1. In a class the ratio of boys to girls is 2:3. There are 12 boys. How many girls are there?

2. Orange and apple juice are mixed in the ratio 2:5. There is 140 ml altogether. How many ml are orange juice?
