

Ratio

Write the following using the correct symbol for ratio before completing the calculation. Remember to use bar models to help:

- 1) There are 3 bananas for every 5 apples – If there are 9 bananas, how many apples will there be?
- 2) There are 7 girls for every 4 boys – There are 77 children altogether. How many boys are there?
- 3) There are 8 triangles for every 4 squares – If there are 16 squares, how many triangles are there?
- 4) There are 5 monkeys for every 11 parrots – If there are 25 monkeys, how many parrots are there?
- 5) There are 4 red pens for every 3 green pens – If there are 63 pens, how many are red?
- 6) There are 6 oranges for every 3 lemons – There are 45 pieces of fruit altogether. How many are oranges and how many are lemons?
- 7) There are 2 tins of blue paint for every 5 tins of red paint – If there are 30 tins of red paint, how many blue tins of paint are there?
- 8) There are 3 blueberries, 5 apples and 4 bananas – How many apples and bananas are there if there are 18 blueberries?
- 9) There are 6 letters, 8 parcels and 2 stamps – There are 80 items. How many are there of each?
- 10) There are 5 green marbles, 10 yellow marbles and 20 red marbles – If there were 100 red marbles, how many green marbles would there be?