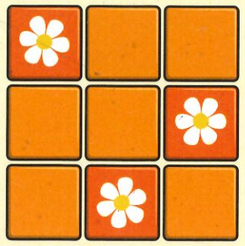
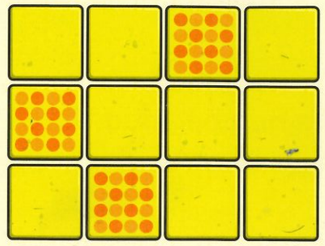
Identifying ratios

Write the ratio of patterned tiles to plain tiles.

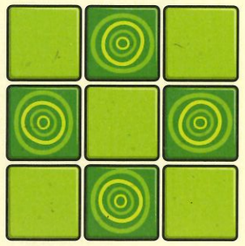
1



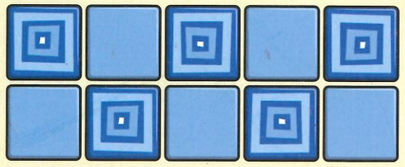
3



5



2



4

If the ratio of blue to orange tiles is 3:5, write the number of orange tiles in each of these sets.

6 16 tiles

7 40 tiles

8 800 tiles

9 Becky makes some squash. It is made with one part squash to five parts water. She uses 50 ml of squash. How many millilitres of water does she need?

THINK Write four pairs of numbers. Each pair should have a ratio of 3:1.

I am confident with identifying ratios.

Answer the questions about the picture below.

Write the ratio of children for each of the following. Write the ratios in their simplest form where possible.

1 plain tops: patterned tops

2 striped tops: spotted tops

3 hats: no hats

4 striped tops: plain tops

5 spotted tops: plain tops

Solve these ratio problems.

6 A box has milk and dark chocolates. The ratio of milk to dark is 3:4. If there are 21 chocolates altogether in the box, how many are milk chocolates and how many are dark chocolates?

7 A male tennis player has a win:loss ratio of 3:1. If he has won 36 matches, how many has he lost?

8 A female tennis player has won 42 matches and lost 30 matches. What is her win:loss ratio in its simplest form?

THINK Write four pairs of numbers that have a ratio of 5:2.

I am confident with identifying ratios.