Home Learning - Session 4
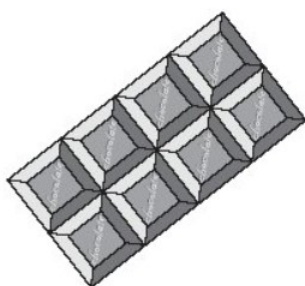
Year 5 - Reasoning

Here is a chocolate bar.

William eats 3 pieces and Amber eats 2 pieces.

What **fraction** of the chocolate bar **remains**?

Step one - Identify how many pieces of chocolate there are in total. This is the denominator (8).
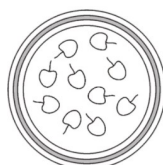
Step two - subtract the amount of pieces eaten, from the total. This will form the numerator (8 - 5 = 3)

Step three - What fraction of the chocolate bar remains = 3/8

Year 5 Expected

- Stefan has a bag that contians 3 blue marbles and 5 red marbles only.
  What fraction of the marbles in the bag are blue?
  Stefan adds one blue marble and one red marble to the bag. What fraction of the marbles in the bag are now blue?
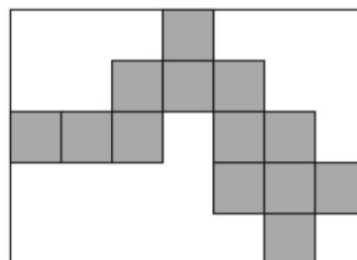
- Jack ate half the cherries on the plate.
  These are the cherries that were left

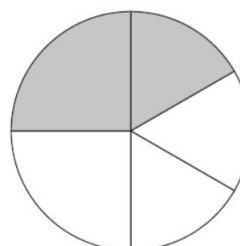How many cherries were on Jack's plate before he ate half?

Year 5 Mastery

- Here is a rectangle with 13 identical shaded squares inside it.

What fraction of the rectangle is shaded?

In this circle 1/4 and 1/6 are shaded.

What fraction of the whole circle is **not** shaded?