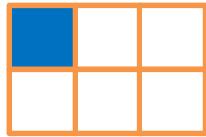


Maths Star

How To Do Fractions – Fractions of Shapes

When we are asked to find a fraction of a shape, often we are given a shaded section:



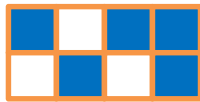
Question: What fraction of the shape is shaded?

The way we find the answer is by counting the total number of equally-sized parts (in this case, there are 6). This number becomes our **denominator**. Then, we count how many of those parts are shaded (in this case 1) and this becomes our **numerator**. So, the answer is $\frac{1}{6}$

Your turn!

What fractions of these shapes are shaded?

1)



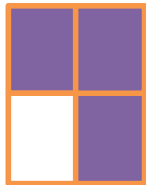
There are 8 bits altogether and 5 are shaded = $\frac{5}{8}$

2)



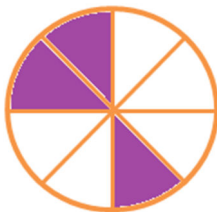
There are 6 bits altogether and 1 is shaded = $\frac{1}{6}$

3)



There are 4 bits altogether and 3 are shaded = $\frac{3}{4}$

4)



There are 8 bits altogether and 3 are shaded = $\frac{3}{8}$