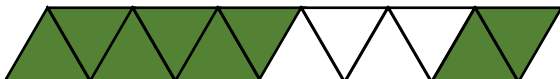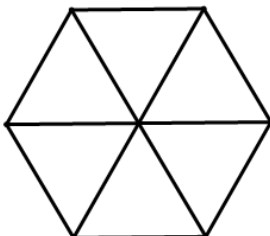**LO:** adding fractions

Complete the sentences below:

The denominator is the _____.
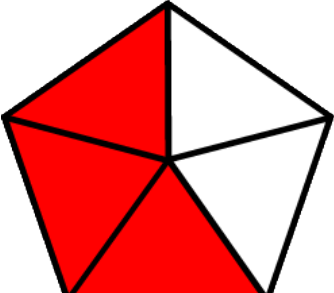
The numerator is the _____.

How many more do I need to shade to make the whole?

1. $\dfrac{6}{9} + \dfrac{}{9} = \dfrac{}{9}$

2. $\dfrac{8}{12} + \dfrac{}{12} = \dfrac{}{12}$

3. $\dfrac{}{6} + \dfrac{}{} = \dfrac{}{}$

4. $\dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

Have a go at finding the missing numbers in these fractions by using resources:

$\dfrac{3}{8} + \dfrac{}{8} = \dfrac{}{8}$	$\dfrac{3}{12} + \dfrac{}{12} = \dfrac{}{12}$
$\dfrac{2}{9} + \dfrac{}{9} = \dfrac{}{9}$	$\dfrac{3}{3} + \dfrac{}{3} = \dfrac{}{3}$
$\dfrac{5}{7} + \dfrac{}{} = \dfrac{}{}$	$\dfrac{10}{15} + \dfrac{}{15} = \dfrac{15}{}$
$\dfrac{}{} + \dfrac{}{} = \dfrac{}{12}$	$\dfrac{}{} = \dfrac{12}{21} + \dfrac{}{}$

Extra Challenge

Look at the picture and write a fraction for each colour.

Red	
Blue	
Yellow	
Green	
White	
Orange	

How could you prove that you haven't miscounted any of the colours?

LO: adding fractions (ANSWER SHEET)
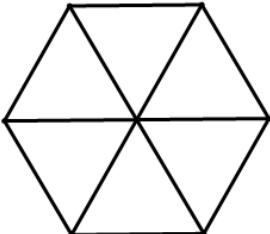
Complete the sentences below:

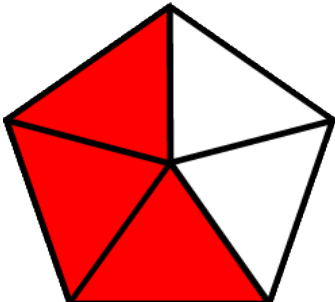The denominator is the _____Whole_____.

The numerator is the _____Part_____.

How many more do I need to shade to make the whole?

1.
$$\frac{6}{9} + \frac{3}{9} = \frac{9}{9}$$

2.
$$\frac{8}{12} + \frac{4}{12} = \frac{12}{12}$$

3.
$$\frac{0}{6} + \frac{6}{6} = \frac{6}{6}$$

4.
$$\frac{3}{5} + \frac{2}{5} = \frac{5}{5}$$

Have a go at finding the missing numbers in these fractions by using resources:

$\dfrac{3}{8} + \dfrac{5}{8} = \dfrac{8}{8}$	$\dfrac{3}{12} + \dfrac{9}{12} = \dfrac{12}{12}$
$\dfrac{2}{9} + \dfrac{7}{9} = \dfrac{9}{9}$	$\dfrac{3}{3} + \dfrac{0}{3} = \dfrac{3}{3}$
$\dfrac{5}{7} + \dfrac{2}{7} = \dfrac{7}{7}$	$\dfrac{10}{15} + \dfrac{5}{15} = \dfrac{15}{15}$
$\dfrac{}{} + \dfrac{}{} = \dfrac{12}{12}$ Answers will vary.	$\dfrac{21}{21} = \dfrac{12}{21} + \dfrac{9}{21}$

Look at the picture and write a fraction for each colour.

Red	$\dfrac{8}{27}$
Blue	$\dfrac{3}{27}$
Yellow	$\dfrac{7}{27}$
Green	$\dfrac{2}{27}$
White	$\dfrac{5}{27}$
Orange	$\dfrac{2}{27}$

How could you prove that you haven't miscounted any of the colours?

Accept answers that add the fractions together to show a total of $\dfrac{27}{27}$