

### Simplify $\frac{7}{14}$

7 and 14 have the common factor 7

$$\frac{7}{14} = \frac{1}{2}$$

$\div 7$

### Compare

$\frac{3}{8} < \frac{3}{7}$

$\frac{3}{7} < \frac{3}{6}$

$\frac{3}{6} < \frac{3}{5}$

The larger the denominator the smaller the equal parts.

$\frac{3}{4}$  and  $\frac{2}{3}$  have the common denominator 12

$\frac{9}{12}$

$\frac{8}{12}$

so  $\frac{3}{4} > \frac{2}{3}$  because  $\frac{9}{12} > \frac{8}{12}$

### Order

$\frac{5}{6}$  more than  $1\frac{1}{2}$

$\frac{2}{5}$  less than  $\frac{1}{2}$

$\frac{8}{7}$  more than 1

$1\frac{3}{4}$  more than  $1\frac{1}{2}$

## Order of Operations

$6 + 4 - 2 = 8$  Only addition and subtraction - complete the calculation from left to right

$6 \times 4 \div 2 = 12$  Only multiplication and division - complete the calculation from left to right

$6 + 4 \times 2 = 14$  Complete multiplication before addition or subtraction

$(6 + 4) \times 2 = 20$  Complete the calculations in brackets first

$6^2 + 4 \div 2 = 20$  Calculate indices before other operations

If I know... then I also know... because...

$0.75 = \frac{3}{4}$

$0.5 = \frac{1}{2}$

$0.33... = \frac{1}{3}$

$0.25 = \frac{1}{4}$

$0.2 = \frac{1}{5}$

$0.1 = \frac{1}{10}$

So  $0.3 = 30\% = \frac{3}{10}$

75%

50%

33.33...%

25%

20%

10%

$\frac{1}{5} = 0.2$  so

$\frac{2}{5} = 0.125$

$\frac{1}{4} = 0.25 = \frac{2}{8}$  so

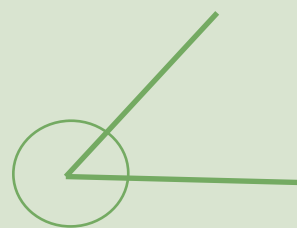
$\frac{1}{8} = 0.125$

simplify equivalent proper improper percent

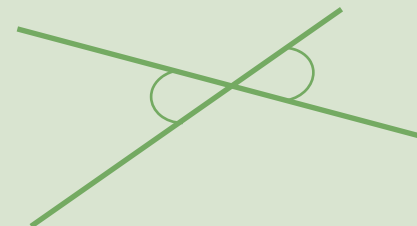
## Year 6 Term 2



The sum of the angles at a point on a straight line is  $180^\circ$

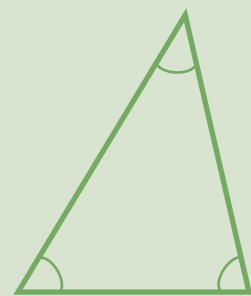


The sum of the angles at a point is  $360^\circ$



Vertically opposite angles are equal

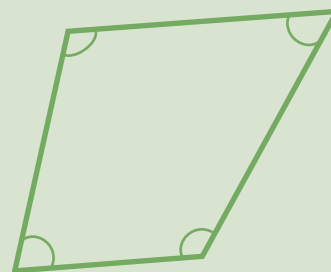
vertically opposite radius diameter circumference



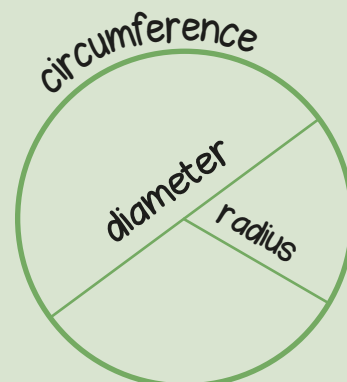
The sum of the angles in a triangle is  $180^\circ$



The sum of the angles in a quadrilateral is  $360^\circ$

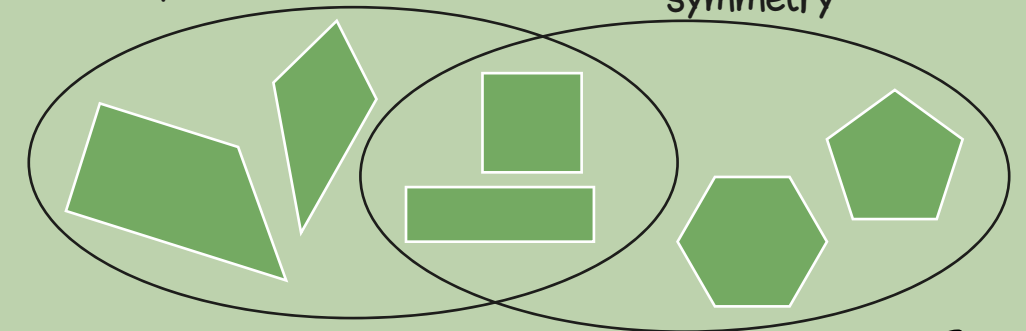


Parts of circle



quadrilaterals

at least 2 lines of symmetry



	curved surface	no curved surface
prism		
not a prism		

properties symmetry parallel prism pyramid

