

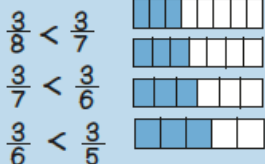
Simplify $\frac{7}{14}$



7 and 14 have the common factor 7

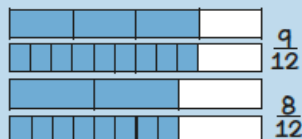
$$\frac{7}{14} \div 7 = \frac{1}{2}$$

Compare



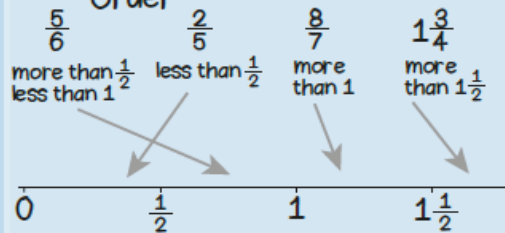
The larger the denominator the smaller the equal parts.

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



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

Order



simplify equivalent proper improper percent

Order of Operations

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

$6 \div 2 \times 4 = 12$ 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
- $\frac{1}{8} = 0.125$

Year 6



The sum of the angles at a point on a straight line is 180°



The sum of the angles at a point is 360°



Vertically opposite angles are equal

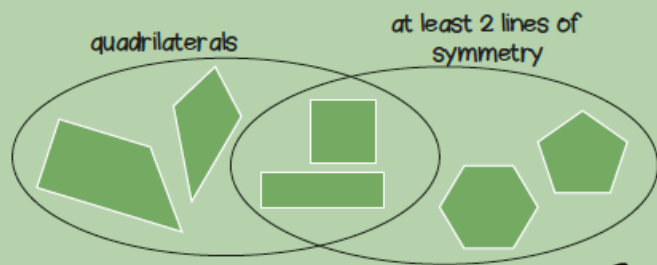
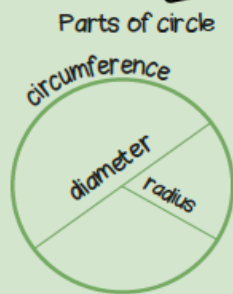
vertically opposite radius diameter circumference



The sum of the angles in a triangle is 180°



The sum of the angles in a quadrilateral is 360°



	curved surface	no curved surface
prism		
not a prism		

properties symmetry parallel prism pyramid

