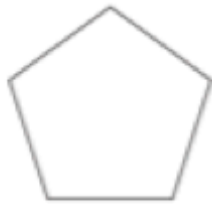


What fraction of the shape is shaded?

$$\frac{16}{30} = \frac{8}{15}$$

Give your answer in its simplest form.

$$\frac{8}{15}$$



Name \_\_\_\_\_

Pentagon



Name \_\_\_\_\_

trapezium

Write two million in figures

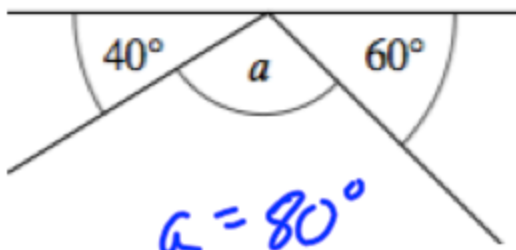
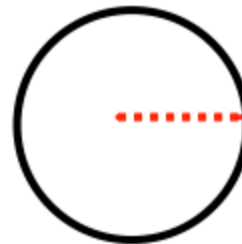
2000000

Write twelve thousand and twelve in figures

12012

Draw a circle

On your circle, draw the radius



What is the sum of the angles in a kite?

360 degrees

$$A = 5w - y$$

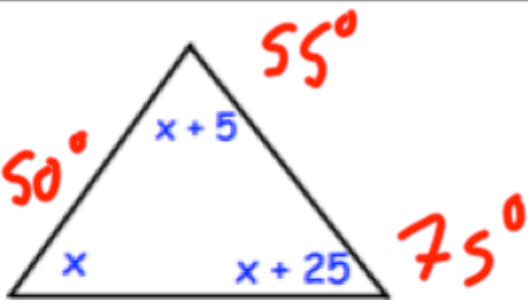
Work out the value of A when  $w = 4$   
and  $y = 11$

$$20 - 11 = 9$$

Solve

$$2x - 3 = 9$$

$$2x = 12 \\ x = 6$$



Calculate the size of each angle

$$3x + 30 = 180 \\ 3x = 150 \\ x = 50$$

Round 7.2455 to 2 significant figures

7.2

Round 0.0384 to 1 significant figures

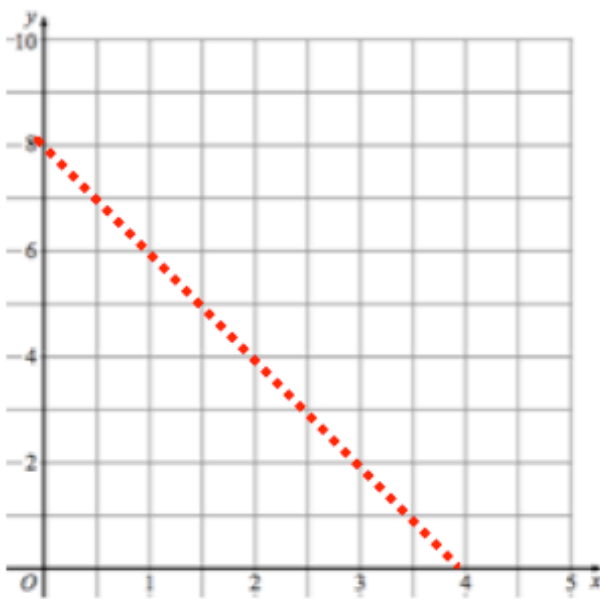
0.04

Work out

$$1\frac{1}{3} \times \frac{5}{8}$$

$$\frac{4}{3} \times \frac{5}{8} = 2$$

$$= \frac{5}{6}$$



Draw  $y = 8 - 2x$

What is the gradient of the line?

$-2$

A is directly proportional to B cubed.

When  $A = 80$ ,  $B = 2$

Find A when  $B = 10$

$$A \propto B^3$$

$$A = kB^3$$

$$80 = k \times 8$$

$$k = 10$$

$$A = 10B^3$$

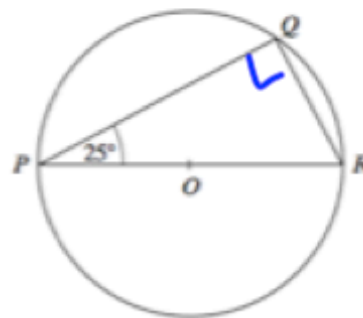
$$A = 10 \times 10^3$$

$$A = 10 \times 1,000$$

$$= 10,000$$

Calculate angle PRQ

$65^\circ$



Factorise

$$2x^2 + 3x - 5$$

$$(2x + 5)(x - 1)$$