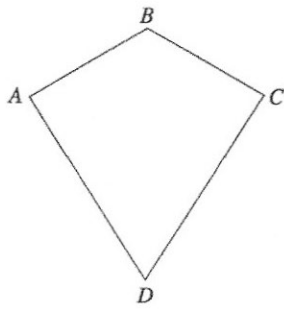


2nd July

Foundation 5-a-day



Corbettmαths



Does a kite have two lines of symmetry?

No

Do the diagonals cross at right angles?

Yes

Simplify

$$8w + w + 3w - 4w$$

$$8w$$

Simplify

$$8a + 5c - 3a - 7c$$

$$5a - 2c$$

Oliver and Yasmin share 140 sweets in the ratio 2:5.

How many sweets does Yasmin get?

$$\begin{aligned} 2+5 &= 7 \\ 140 \div 7 &= 20 \\ 20 \times 5 &= 100 \end{aligned}$$

100

Solve

$$\frac{x+3}{4} = 8$$

$$\begin{array}{r} x+3 \\ \times 4 \end{array} = \begin{array}{r} 32 \\ \times 4 \end{array}$$

$$\begin{array}{r} x+3 = 32 \\ -3 \quad -3 \end{array}$$

$$x = 29$$

An airplane has economy and first class seating.

There are s seats in each row in economy.

There are t seats in each row in first class.

There are 9 rows in first class and 24 rows in economy.

Write down an expression, in terms of s and t , for the number of seats on the airplane.

$$9t + 24s$$