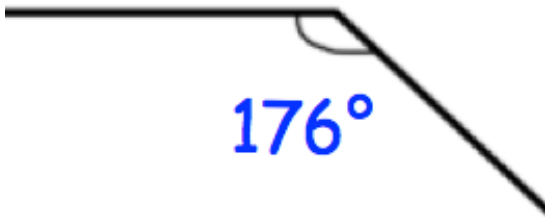


24th December

Corbettmaths



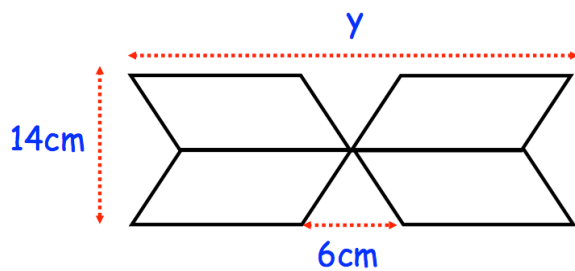
Shown is one angle from a regular polygon.

How many sides does it have?

A special edition packet of flour contains an extra 24%.

The special edition packet contains 558g.

What does the normal packet contain?



A shape is made from 4 congruent parallelograms.

The area of the shape is 308cm^2 .

Work out the length labelled y .

Solve these simultaneous equations

$$4x - 2y = 18$$

$$2x - 3y = 15$$

A line has gradient 5 and passes through the point (1, 8)

Find the equation of the line.