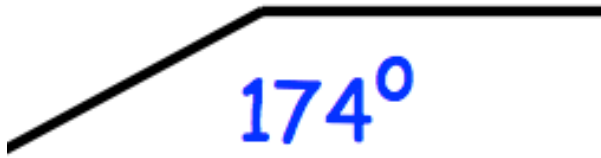


**31st December**

Corbettmaths



Shown is part of a regular polygon.  
How many sides does it have?

Solve the simultaneous equations

$$3x - 5y = 5$$

$$5x - 3y = 15$$

Write down the exact value of  $\sin 30^\circ$

Calculate the pressure if the area is  $10\text{cm}^2$  and the force is  $420\text{N}$

$$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$$

$$A = \{\text{prime numbers}\}$$

$$B = \{\text{numbers greater than 5}\}$$

Draw a Venn diagram for this information.