

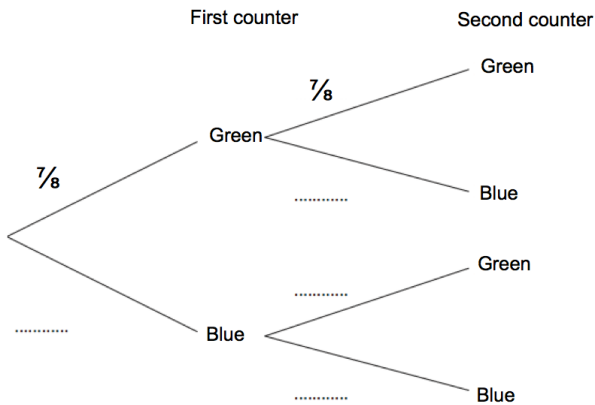
**2nd November**



Corbettmaths

The front elevation of a solid shape is a triangle.  
 The side elevation of the solid shape is a triangle.  
 The plan view of the solid shape is a circle.

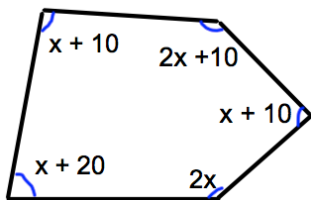
Write down the name of the shape.



Complete the probability tree diagram.

There are green and blue counters in a container. Kevin takes at random a counter from the container. He replaces the counter in the container. Kevin takes at random a second counter from the container.

Work out the probability that Kevin picks counters that are the same colour.



Shown is a pentagon, with the size of each angle shown.

Find the size of the largest angle.

$$a = \begin{pmatrix} 3 \\ -1 \end{pmatrix} \quad b = \begin{pmatrix} 1 \\ -2 \end{pmatrix}$$

Work out  $b - a$