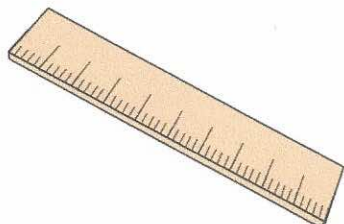


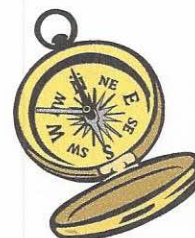
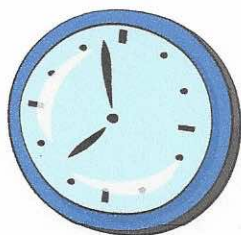
Primary Practice Questions



Corbettmaths



Angles in Polygons



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

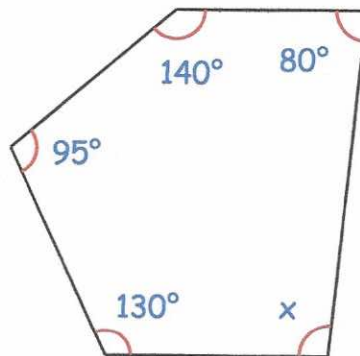
1. Complete the table below

Shape	Angles add up to
Triangle	180°
Quadrilateral	360°
Pentagon	540°
Hexagon	720°

↓ + 180°
↓ + 180°
↓ + 180°
and so on...

2. Calculate the size of angle x in this diagram

*



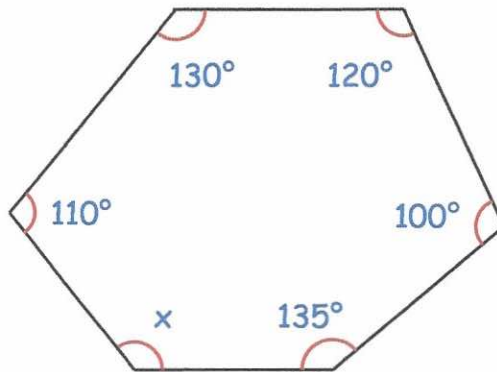
$$\begin{array}{r} 140 \\ 80 \\ 95 \\ + 130 \\ \hline 445 \end{array}$$

$$540 - 445 = 95^\circ$$

95°

3. Calculate the size of angle x in this diagram

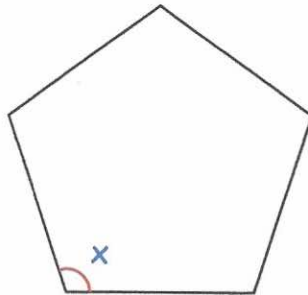
$$\begin{array}{r} 110 \\ 130 \\ 120 \\ 100 \\ + 135 \\ \hline 595 \end{array}$$



$$720 - 595 = 125^\circ$$

125°

4. Here a regular pentagon

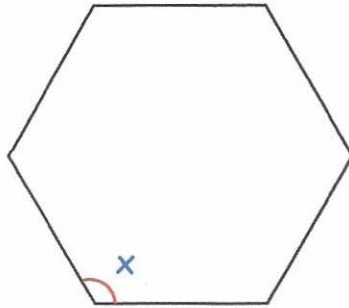


Find the size of each angle

$$540^\circ \div 5$$

108°

5. Here a regular hexagon



Find the size of each angle

$$720^\circ \div 6$$

120°
