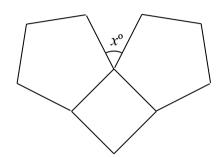


## **POLYGONS**

## **MULTI-STEP PROBLEMS**

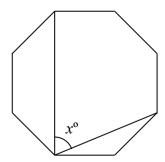
Ref: G424.4C3

**A1** The diagram shows two regular pentagons and a square.



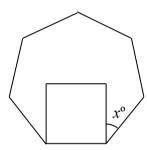
Work out the value of x.

**B1** The diagram shows a regular octagon.



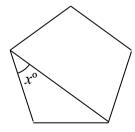
Find the value of *x*. Show clear working out.

**A2** The diagram shows a square inside a regular heptagon.



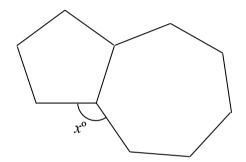
Work out the value of *x*.

**B2** The diagram shows a regular pentagon.



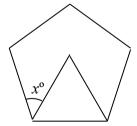
Find the value of *x*. Show clear working out.

**A3** The diagram shows a regular pentagon and a regular heptagon.



Work out the value of *x*.

**B3** The diagram shows an equilateral triangle inside a regular pentagon.



Work out the value of x.

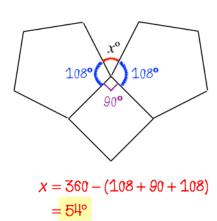


## **POLYGONS**

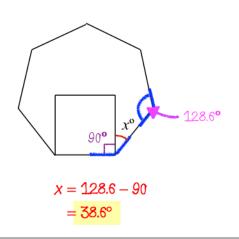
## **MULTI-STEP PROBLEMS**

Ref: G424.4C3

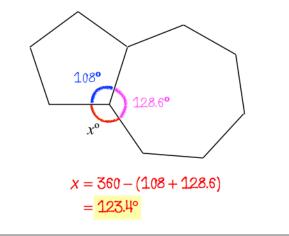
**A1** The diagram shows two regular pentagons and a square.



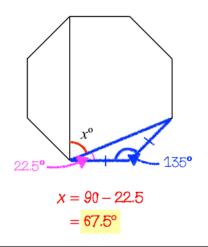
**A2** The diagram shows a square inside a regular heptagon.



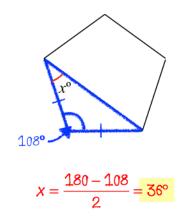
**A3** The diagram shows a regular pentagon and a regular heptagon.



**B1** The diagram shows a regular octagon.



**B2** The diagram shows a regular pentagon.



**B3** The diagram shows an equilateral triangle inside a regular pentagon.

