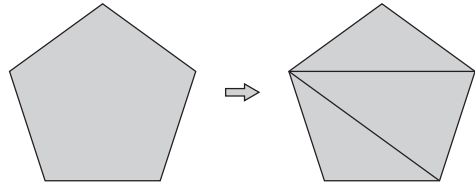


## TASK 4.3

1. Copy and complete below.

A pentagon can be split into \_\_\_\_\_ triangles.

Sum of interior angles = \_\_\_\_\_  $\times 180^\circ$   
= \_\_\_\_\_  $^\circ$



2. Find the sum of the interior angles of an octagon.  
3. Find the sum of the interior angles of a polygon with 15 sides.  
4. Copy and complete below.

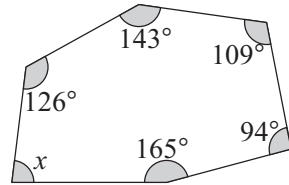
This polygon can be split into \_\_\_\_\_ triangles.

Sum of interior angles = \_\_\_\_\_  $\times 180^\circ =$  \_\_\_\_\_  $^\circ$

Add up all the given angles:

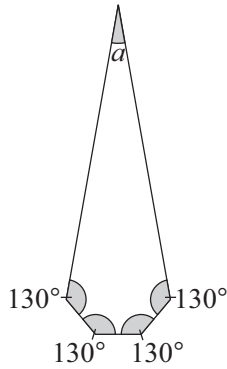
$126^\circ + 143^\circ + 109^\circ + 94^\circ + 165^\circ =$  \_\_\_\_\_  $^\circ$

angle  $x =$  \_\_\_\_\_  $^\circ$

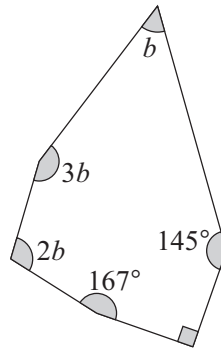


In the questions below, find the angles marked with letters.

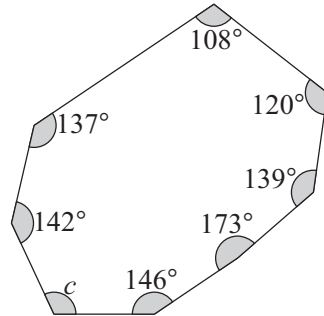
5.



6.



7.



8. Nine of the ten interior angles of a decagon each equal  $145^\circ$ . Find the size of the other interior angle.