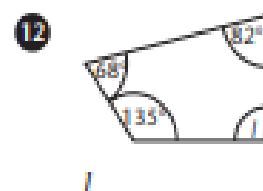
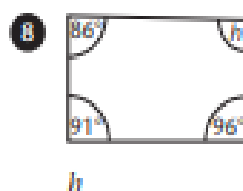
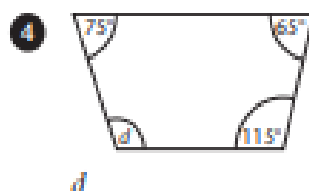
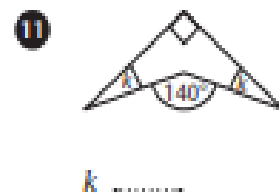
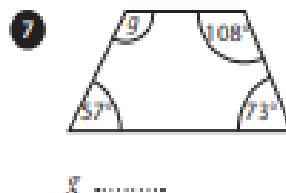
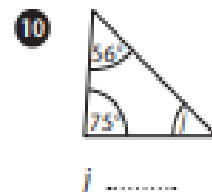
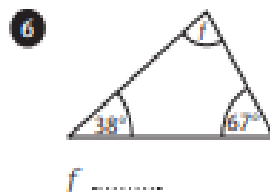
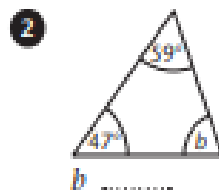
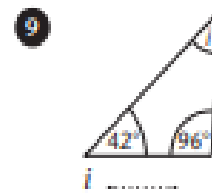
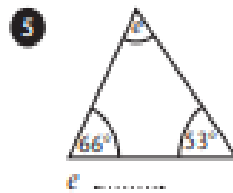
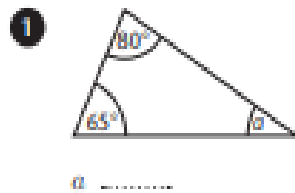


The sum of the angles in a triangle is 180° .
 The sum of the angles in a quadrilateral is 360° .

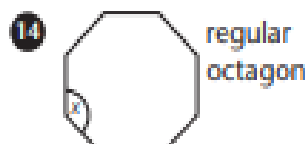
Find the missing angles.



Divide each regular polygon into triangles by joining corners. Fill in the boxes to find angle x .



triangles
 $4 \times 180^\circ = \text{[]}^\circ$
 $x = \text{[]}^\circ \div 6$
 $= \text{[]}^\circ$



triangles
 $\text{[]} \times 180^\circ = \text{[]}^\circ$
 $x = \text{[]}^\circ \div 8$
 $= \text{[]}^\circ$



triangles
 $\text{[]} \times 180^\circ = \text{[]}^\circ$
 $x = \text{[]}^\circ \div 5$
 $= \text{[]}^\circ$