
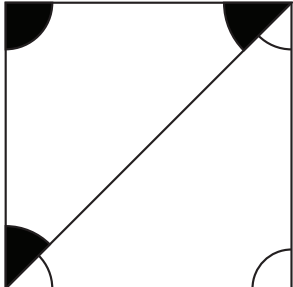
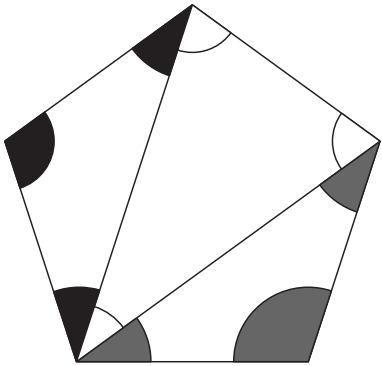
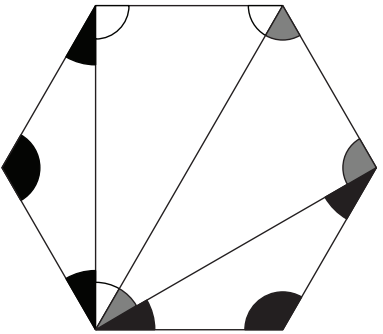
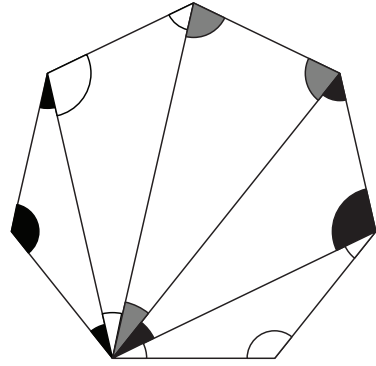


ex S2.5 Angles in polygons

a Complete the table:

				
3 sides 1 triangle	4 sides 2 triangles	5 sides <input type="text"/> triangles	<input type="text"/> sides <input type="text"/> triangles	<input type="text"/> sides <input type="text"/> triangles
<i>Total of interior angles:</i> $1 \times 180^\circ = 180^\circ$	<i>Total of interior angles:</i> $2 \times 180^\circ = 360^\circ$	<i>Total of interior angles:</i> $\square \times 180^\circ = 540^\circ$	<i>Total of interior angles:</i> $\square \times 180^\circ = \square^\circ$	<i>Total of interior angles:</i> $\square \times 180^\circ = \square^\circ$

b Complete the rule:

number of triangles = number of sides -