

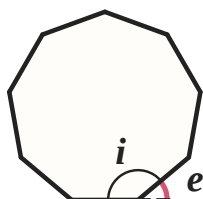
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

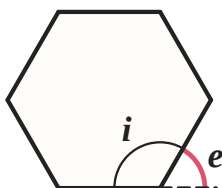
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

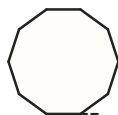
1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit

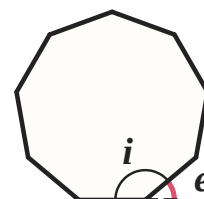
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

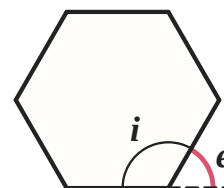
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

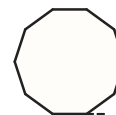
1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit

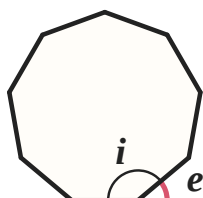
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

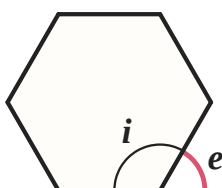
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

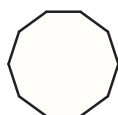
1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit

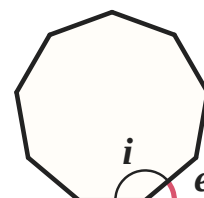
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

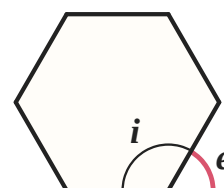
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit

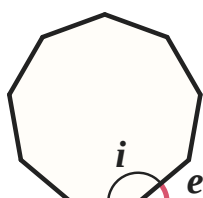
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

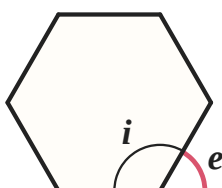
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

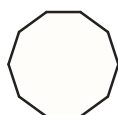
1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit

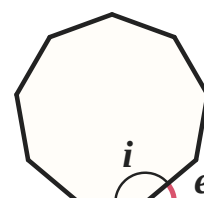
Angles in regular polygons

Exit ticket **ANSWERS** Name _____

- 1 A regular nonagon has 9 sides.
Find e and i .

1 Exterior $e = 360 \div 9 = 40^\circ$

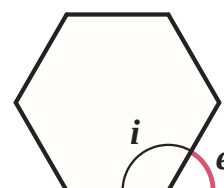
2 Interior $i = 180 - 40 = 140^\circ$



- 2 A regular hexagon has 6 sides.
Find e and i .

1 Exterior $e = 360 \div 6 = 60^\circ$

2 Interior $i = 180 - 60 = 120^\circ$



- 3 A regular decagon has 10 sides.
Work out the size of each interior angle.

144°



The Maths Habit