

Year 6 Home Learning – Maths Week 4


Arithmetic Practice – Set a 5 minute timer to complete the 5 questions in each section. You don't have to do all 25 questions in 5 minutes! You can do one section per day or do all at once – but make sure you set your timer for 25 minutes instead! If you have forgotten a method, let me know and I will create a short video to help you remember!

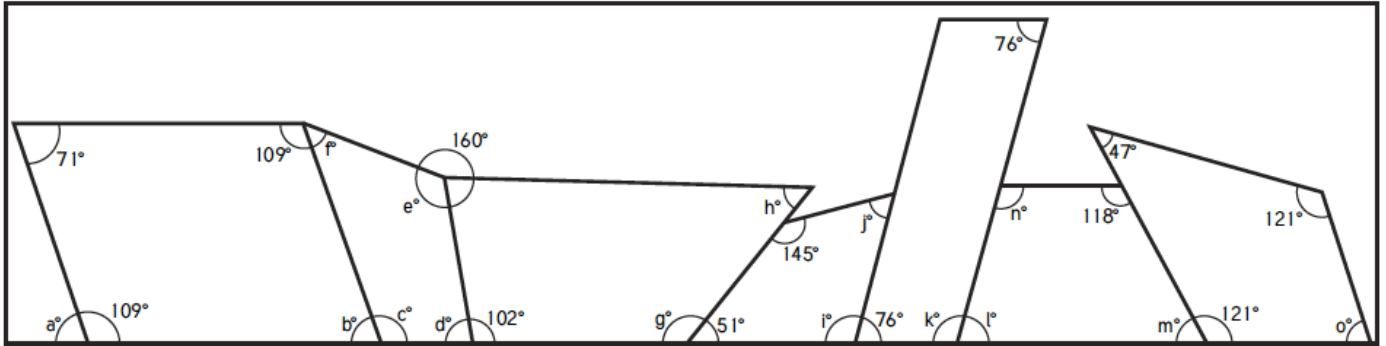
<p>A</p> <ol style="list-style-type: none">1. $23.2 + 42.4 = 65.6$2. $93,214 - 85,355 = 7,859$3. $62.34 \times 100 = 6,234$4. $76.43 + 24.78 = 101.21$5. $400 + 1,200 = 1,600$	<p>B</p> <ol style="list-style-type: none">1. $\frac{3}{4}$ of 132 = 992. $87.1 + 11.2 = 98.3$3. $3,380 \div 6 = 563 \text{ r}2$ or 563.334. $69 - 31 = 38$5. $87.32 - 37.41 = 49.91$
<p>C</p> <ol style="list-style-type: none">1. $32 + 47 = 79$2. $45.32 + 2.23 = 47.55$3. $56.47 - 23.85 = 32.62$4. $8.73 \times 10 = 87.3$5. $3,568 \div 7 = 509 \text{ r}5$	<p>D</p> <ol style="list-style-type: none">1. $87 + 21 = 108$2. $46 \times 29 = 1,334$3. $893 + 30 = 923$4. $93.1 \times 100 = 9,310$5. $2,074 \div 7 = 296 \text{ r}2$
<p>E</p> <ol style="list-style-type: none">1. $69.56 + 13.68 = 83.24$2. $56.43 + 11.3 = 67.73$3. $3.321 \times 100 = 332.1$4. $857 + 14,894 = 15,751$5. $\frac{5}{6}$ of 36 = 30	

Lesson 1

Quadrilateral	Sides	Angles
Parallelogram	Two pairs of equal parallel sides	Diagonally opposite angles are equal
Trapezium	One pair of parallel sides	Interior angles total 360 degrees
Rectangle	Two pairs of equal parallel sides	Four right angles
Kite	Two pairs of equal sides	Horizontally opposite angles are equal
Rhombus	All sides are equal	Diagonally opposite angles are equal
Square	Four equal parallel sides	Four right angles
Isosceles trapezium	One pair of parallel sides, one pair of equal sides	Angles either side of the parallel sides are equal

Missing Angles:

 Question	Answer	Question	Answer
1.	$C = 70^\circ$	2.	$D = 120^\circ$
3.	$B = 100^\circ$	4.	$A = 50^\circ$
5.	$D = 105^\circ$	6.	$D = 75^\circ$
7.	$C = 120^\circ$	8.	$B = 70^\circ$



$$a = \underline{71}^\circ$$

$$b = \underline{71}^\circ$$

$$c = \underline{109}^\circ$$

$$d = \underline{78}^\circ$$

$$e = \underline{122}^\circ$$

$$f = \underline{51}^\circ$$

$$g = \underline{129}^\circ$$

$$h = \underline{51}^\circ$$

$$i = \underline{104}^\circ$$

$$j = \underline{60}^\circ$$

$$k = \underline{104}^\circ$$

$$l = \underline{76}^\circ$$

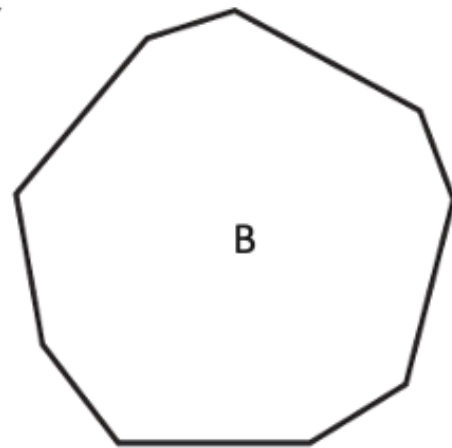
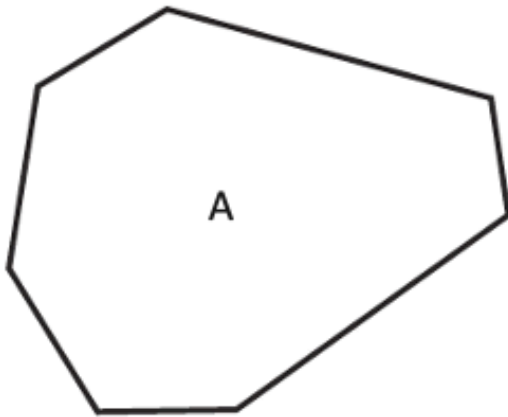
$$m = \underline{59}^\circ$$

$$n = \underline{107}^\circ$$

$$o = \underline{71}^\circ$$

Lesson 2

(number of sides - 2) x 180

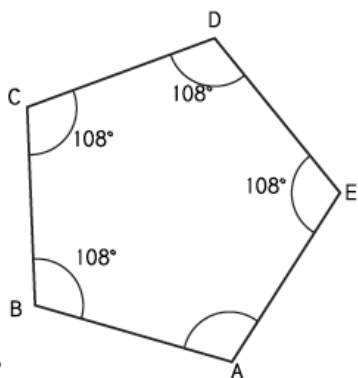


$$A = (7 - 2) \times 180 = 900$$

$$B = (9 - 2) \times 180 = 1,260$$

Missing Angles:

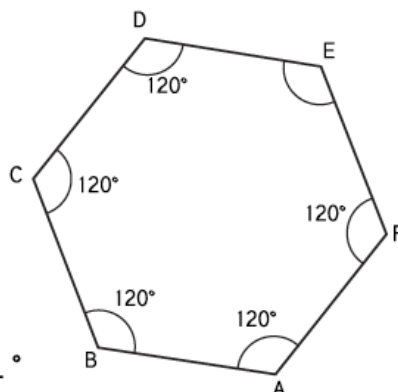
1. What is the total of the interior angles in this pentagon?
How many degrees is the missing angle?



$A = \underline{108}^\circ$

Interior angles total = $\underline{540}^\circ$

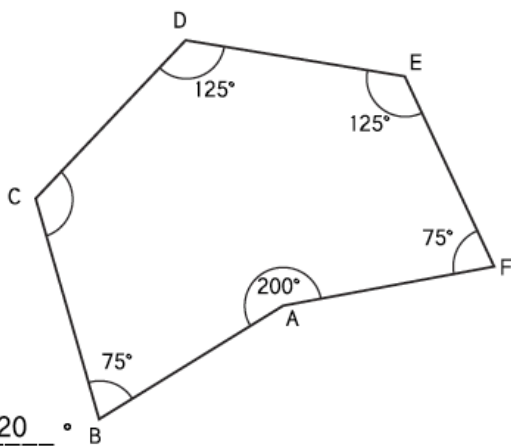
2. What is the total of the interior angles in this hexagon?
How many degrees is the missing angle?



$E = \underline{120}^\circ$

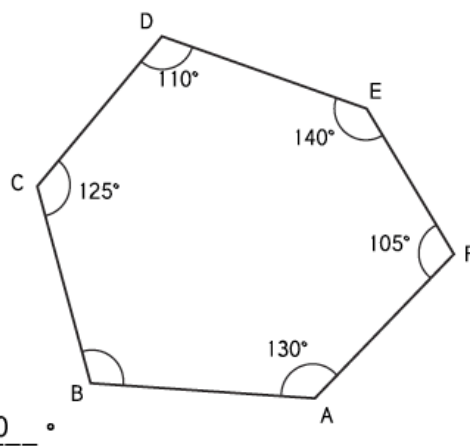
Interior angles total = $\underline{720}^\circ$

3. Find the missing angle in this hexagon:



$C = \underline{120}^\circ$

4. Find the missing angle in this hexagon:



$B = \underline{110}^\circ$