

### Year 6 Home Learning – Maths Week 3

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!

**A**

1.  $294 + 70 = 364$
2.  $4,697 + 2,534 = 7,231$
3.  $3 \times 8 = 24$
4.  $564 \times 8 = 4,512$
5.  $80 \times 5 = 400$

**B**

1.  $377 + 40 = 417$
2.  $80 \times 9 = 720$
3.  $8,327 + 1,489 = 23,222$
4.  $\frac{1}{4}$  of 36 = 9
5.  $73,294 + 79,569 = 152,863$

**C**

1.  $867 + 300 = 1,617$
2.  $1616 \div 8 = 202$
3.  $\frac{1}{8}$  of 32 = 4
4.  $67 \times 8 = 536$
5.  $6.54 \times 10 = 65.4$

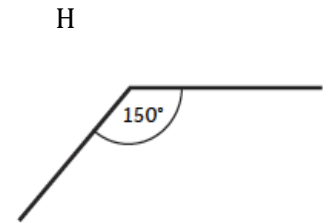
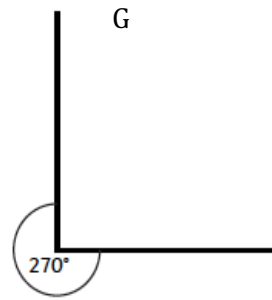
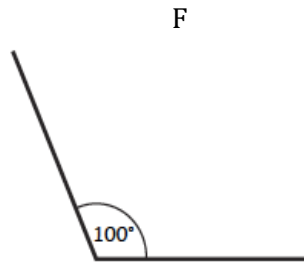
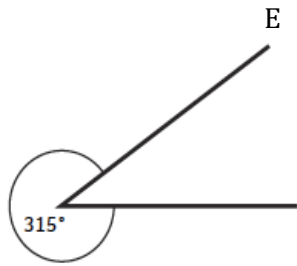
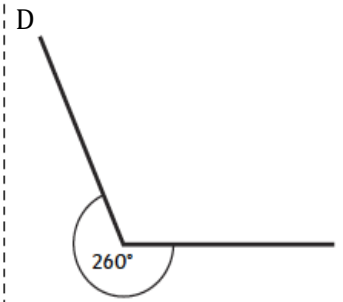
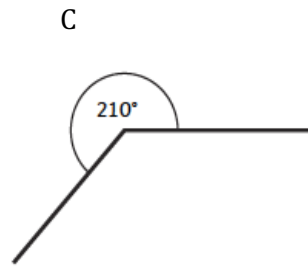
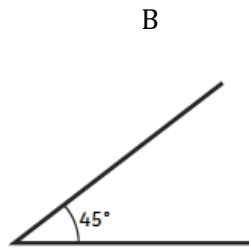
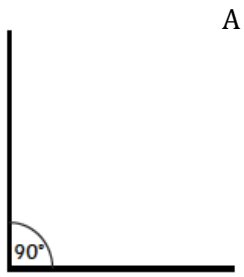
**D**

1.  $\frac{1}{3}$  of 84 = 28
2.  $7,684 \div 8 = 960 \text{ r } 4$
3.  $8.761 \times 10 = 87.61$
4.  $206 \times 8 = 1,648$
5.  $600 + 573 = 1,173$

**E**

1.  $10 \times 17.65 = 176.5$
2.  $947 \times 8 = 7,576$
3.  $974 + 70 = 1,044$
4.  $6,764 + 5,693 = 12,457$
5.  $\frac{1}{12}$  of 144 = 12

# Lesson 1



$$A + E = 90 + 270 = 360$$

$$B + E = 45 + 315 = 360$$

$$C + H = 210 + 150 = 360$$

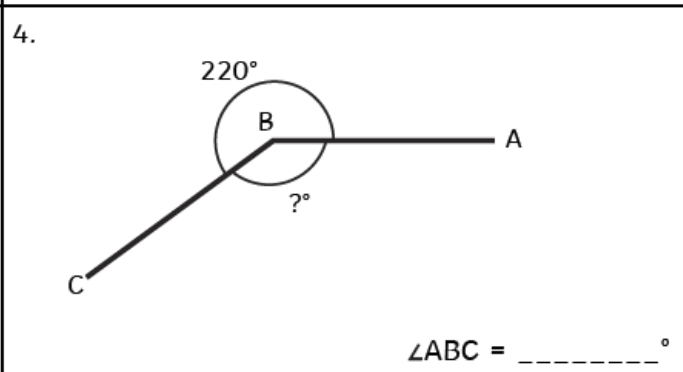
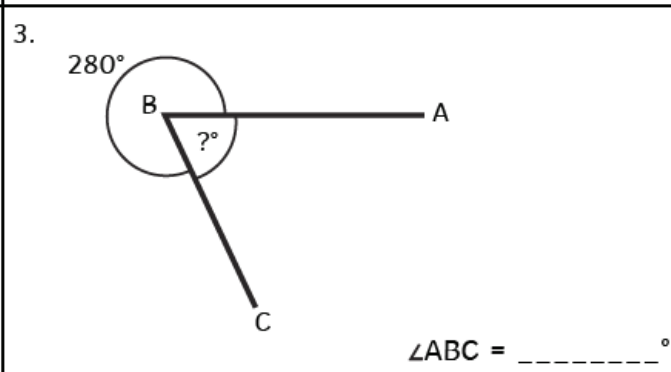
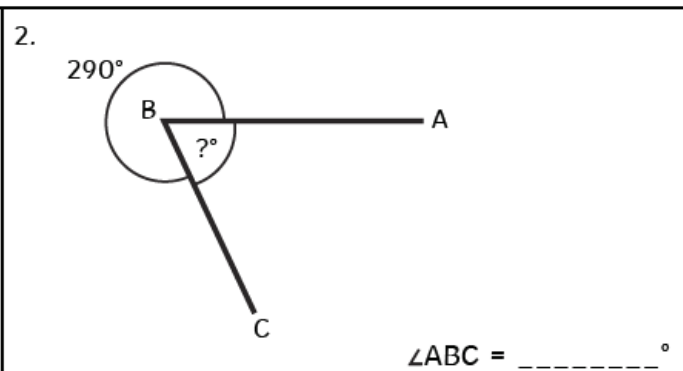
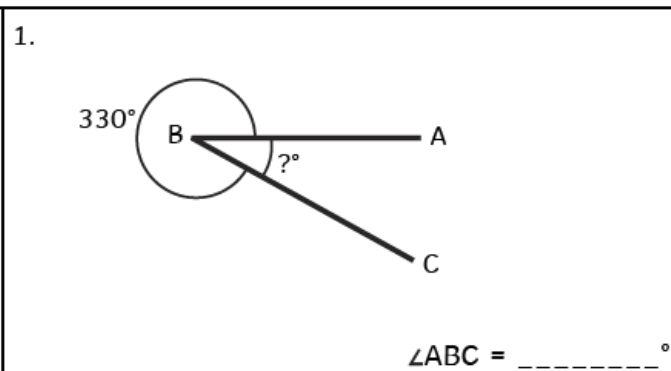
$$D + F = 260 + 100 = 360$$

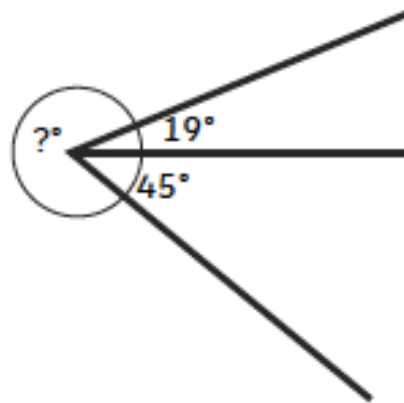
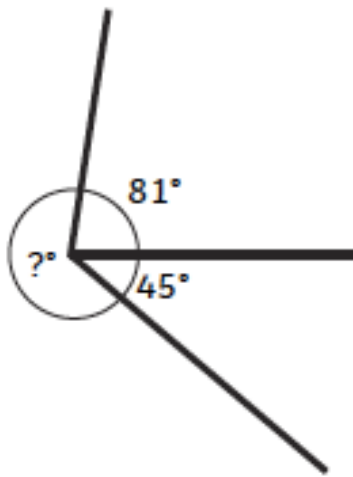
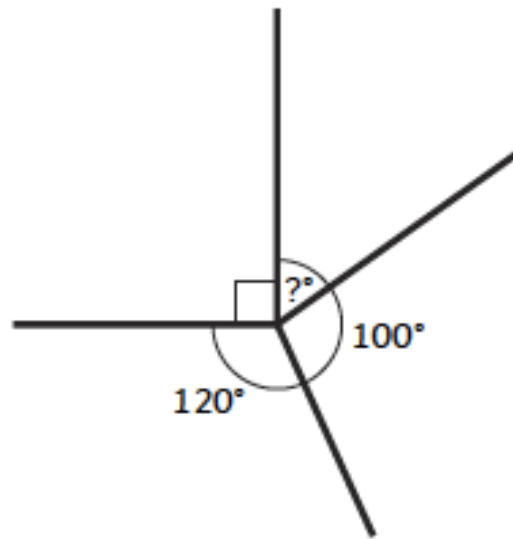
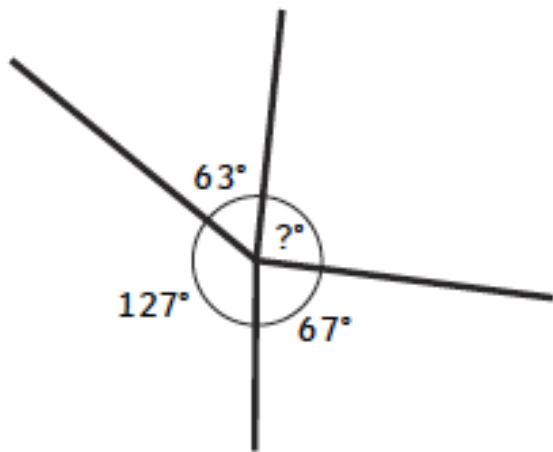
$$5. 360 - 330 = 30$$

$$6. 360 - 290 = 70$$

$$7. 360 - 280 = 80$$

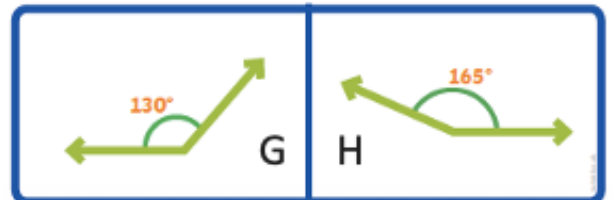
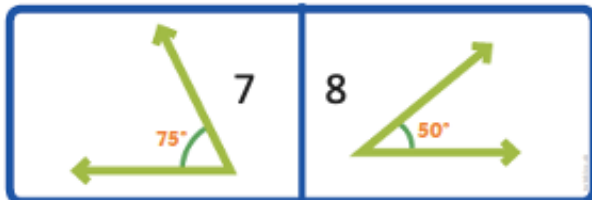
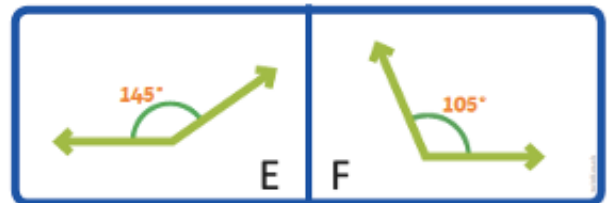
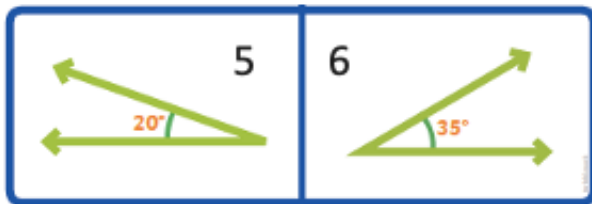
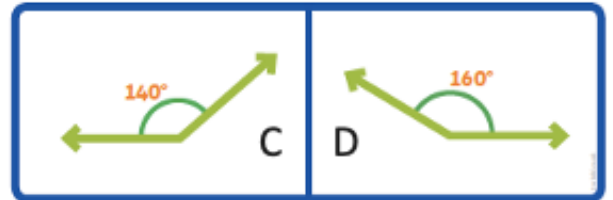
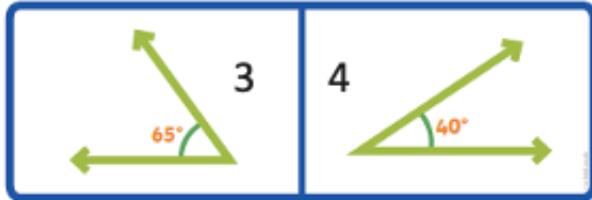
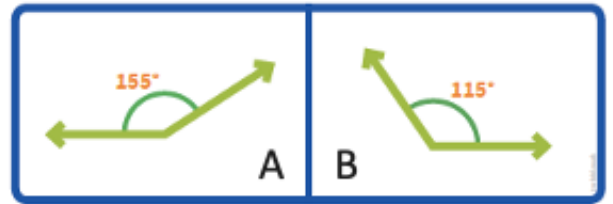
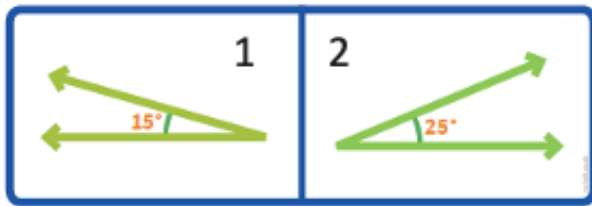
$$8. 360 - 220 = 140$$





1.  $127 + 63 + 67 = 257$   $360 - 257 = 103$
2.  $120 + 100 = 220$   $360 - 220 = 140$
3.  $81 + 45 = 126$   $360 - 126 = 234$
4.  $19 + 45 = 64$   $360 - 64 = 296$

## Lesson 2



$$1 + H = 15 + 165 = 180$$

$$2 + A = 25 + 155 = 180$$

$$3 + B = 65 + 115 = 180$$

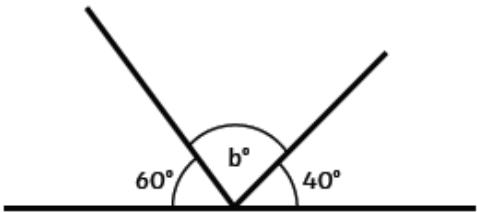
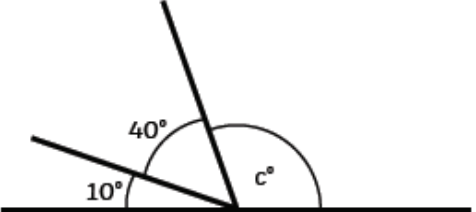
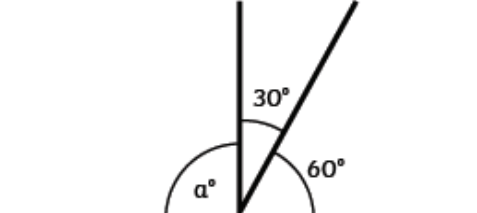
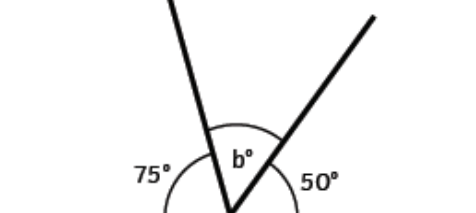
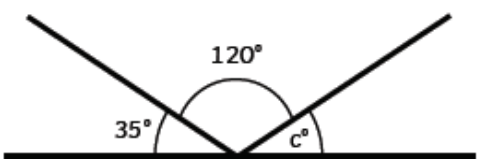
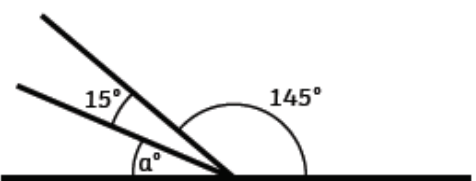
$$4 + C = 40 + 140 = 180$$

$$5 + D = 20 + 160 = 180$$

$$6 + 4 = 35 + 145 = 180$$

$$7 + F = 75 + 105 = 180$$

$$8 + 6 = 50 + 130 = 180$$

<p>1.</p>  <p><math>b = \text{-----}^\circ</math></p>	<p>2.</p>  <p><math>c = \text{-----}^\circ</math></p>
<p>3.</p>  <p><math>a = \text{-----}^\circ</math></p>	<p>4.</p>  <p><math>b = \text{-----}^\circ</math></p>
<p>5.</p>  <p><math>c = \text{-----}^\circ</math></p>	<p>6.</p>  <p><math>a = \text{-----}^\circ</math></p>

1.  $60 + 40 = 100$   $180 - 100 = \mathbf{80}$

2.  $40 + 10 = 50$   $180 - 50 = \mathbf{130}$

3.  $60 + 30 = 90$   $180 - 90 = \mathbf{90}$

4.  $75 + 50 = 125$   $180 - 125 = \mathbf{55}$

5.  $35 + 120 = 155$   $180 - 155 = \mathbf{25}$

6.  $145 + 15 = 160$   $180 - 160 = \mathbf{20}$