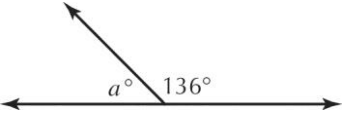
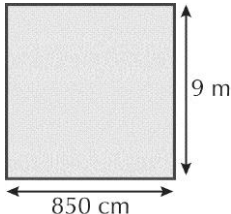


If a question has more than 1 mark, show some working out for full marks.

Due: _____

<p>1. Pythagoras' Theorem (2)</p> <p>State the side lengths and draw a diagram of a Pythagorean Triad.</p>	<p>2. Fractions (1)</p> <p>Change to a mixed number</p> $\frac{17}{5}$	<p>3. Statistics – median (5)</p> <p>Complete this frequency table</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Interval</th> <th style="width: 25%;">Midpoint (x)</th> <th style="width: 25%;">f</th> <th style="width: 25%;">f × x</th> </tr> </thead> <tbody> <tr> <td>0-9</td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>10-19</td> <td></td> <td>9</td> <td></td> </tr> <tr> <td>20-29</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>30-39</td> <td></td> <td>11</td> <td></td> </tr> <tr> <td>40-49</td> <td></td> <td>3</td> <td></td> </tr> <tr> <td></td> <td>Totals</td> <td></td> <td></td> </tr> </tbody> </table> <p>Now find the mean.</p>	Interval	Midpoint (x)	f	f × x	0-9		5		10-19		9		20-29		2		30-39		11		40-49		3			Totals		
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<p>4. Standard Notation (1)</p> <p>Write 72.98×10^{-2} as a number.</p>	<p>5. Solve equations (2)</p> <p>a) $5x = -20$</p> <p>b) $-4x + 1 = 9$</p>	<p>6. Geometry- (1)</p> <p>Find the missing angle</p> 																												
<p>7. Expand and Simplify (4)</p> <p>a) $2(x + 4) - 5$</p> <p>b) $6(n + 5) - 2n + 10$</p>	<p>8. Financial Arithmetic (2)</p> <p>Express an annual salary of \$56, 400 a as a weekly amount.</p>	<p>9. Measurement- area (2)</p> <p>Find the area of this rectangle in m^2.</p> 																												
<p>10. Linear Graphs (2)</p> <p>Sketch</p> <p>a) $y = 4$ b) $x = 4$</p>																														