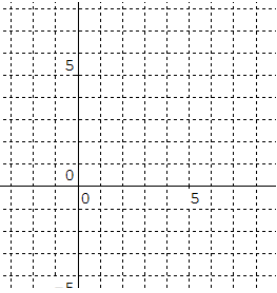
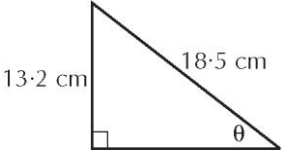
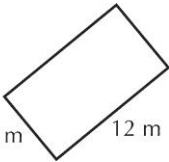
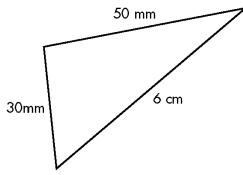


If a question has more than 1 mark, show some working out for full marks.

Due: _____

<p>1. Pythagoras' Theorem (2) Use Pythagoras' Theorem to find the distance between these two points. (-1, 5) and (5, 0).</p> 	<p>2. Fractions (3) a) Multiply and simplify</p> $\frac{2}{5} \times \frac{3}{4}$ <p>b) Change to a proper fraction</p> $\frac{13}{2}$	<p>3. Statistics – (5) Find the mean, median and mode of: 22, 21, 23, 21, 20, 19, 23, 17, 25</p> <p>Mean =</p> <p>Median =</p> <p>Mode =</p>
<p>4. Standard Notation (1) Write 47896 in standard notation</p>	<p>5. Substitution (2) Evaluate if a = 4 and b = -2</p> <p>a) ab</p> <p>b) $a + b$</p>	<p>6. Geometry- (2) Draw a trapezium showing the parallel sides.</p>
<p>7. Trigonometry (3) Find the missing angle</p> 	<p>8. Financial Arithmetic (4)</p> <p>a) Find the new cost of a shirt priced at \$12 and discounted by 15%.</p> <p>b) Work out your income if you get a 6% increase on \$42 000.</p>	<p>9. Solving Equations (4)</p> <p>a) $3x + 1 = 13$</p> <p>b) $\frac{2x}{4} = 2$</p>
<p>10. Measurement (5) Find the perimeter and area of</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="70 2002 293 2163"> <p>a) </p> </div> <div data-bbox="842 1989 1086 2163"> <p>b) </p> </div> </div>		