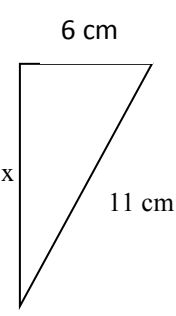
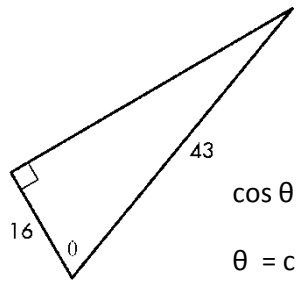
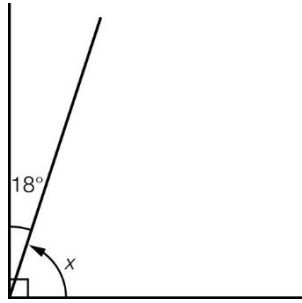
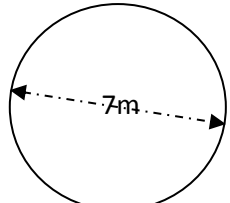
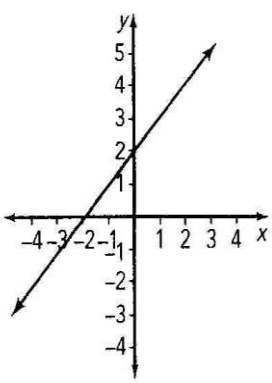


<p><b>1. Pythagoras' Theorem</b> Find the length of the hypotenuse.</p>  <p><math>x^2 = 11^2 - \underline{\quad}</math>  <math>x^2 = \underline{\quad} + \underline{\quad}</math>  <math>x^2 =</math>  <math>x = \sqrt{\underline{\quad}}</math>  <math>x =</math></p>	<p><b>2. Fractions</b> a) Multiply and simplify</p> $\frac{2}{5} \times \frac{1}{4}$ <p>b) Change to a mixed number</p> $\frac{17}{6}$	<p><b>3. Statistics</b> Find the mean, median and mode for:</p> <p>23, 34, 56, 71, 34, 22, 85, 26</p>
<p><b>4. Trigonometry</b></p>  <p><math>\cos \theta = \underline{\quad}</math>  <math>\theta = \cos^{-1}(\underline{\quad})</math>  <math>\theta =</math></p>	<p><b>5. Expanding</b> Expand these brackets</p> <p>a) <math>-2(x + 3)</math>  b) <math>2x(5x - 4)</math></p>	<p><b>6. Geometry</b> What is the value of x?</p> 
<p><b>7. Indices</b> Simplify <math>2x^3 \times -3x^5</math></p>	<p><b>8. Financial Arithmetic</b></p> <p>a) 10% of 370  b) 20% of 370  c) 5% of 370</p>	<p><b>9. Measurement</b> Find the circumference of this circle  <math>C = \pi d</math></p> 
<p><b>10. Linear Equations</b> State the rule (<math>y = mx + c</math>) for these graph. Recall that <math>m</math> = gradient and <math>c</math> = y-intercept.</p>		
<p>a)</p> 	<p>b)</p> 