

<p>8</p>	<p>5 chocolate bars and 6 bags of sweets cost £7.37</p> <p>(a) Write down an equation to illustrate this information.</p> <p>3 chocolate bars and 2 bags of sweets cost £3.59</p> <p>(b) Write down an equation to illustrate this information.</p> <p>(c) Calculate the cost of one chocolate bar and one bag of sweets.</p>	<p>1</p> <p>1</p> <p>4</p>
<p>9</p>	<p>Teams in a school quiz answer questions on film and sport.</p> <p>The scattergraph shows the scores of some of the teams.</p> <p>A line of best fit is drawn as shown.</p> <div data-bbox="821 622 1385 1034" data-label="Figure"> </div> <p>(a) Find the equation of the line of best fit. Give your answer in the simplest form.</p> <p>(b) Use your answer from part (a) to estimate sports score for a team with a film score of 8.</p>	<p>3</p> <p>1</p>
<p>10</p>	<p>The shape shown is part of a circle with a centre O.</p> <p>The circle has radius of 13 centimetres.</p> <p>AB is a chord of length 20 centimetres.</p> <p>Calculate the width of the shape.</p> <div data-bbox="938 1326 1327 1697" data-label="Diagram"> </div>	<p>4</p>
<p>11</p>	<p>A straight line has equation $3x - 5y - 10 = 0$.</p> <p>Find the gradient of this line and the y-intercept of this line.</p>	<p>3</p>