

Name: \_\_\_\_\_

August 9	5-a-day	Higher
<p>Solve the simultaneous equations</p> $7x + 5y = 22$ $3x - 2y = 26$  <p>x =                      y =</p>		
<p>Write down the quadratic formula</p>		
<p>Calculate the distance between the coordinates (0, 3) and (3, 10).</p> <p>Give your answer correct to 1 decimal place.</p>		
<p>A and B are in the ratio 2:5 B and C are in the ratio 1:4</p> <p>What is the ratio of A to C?</p>		
<p>Two containers are mathematically similar.</p> <p>The height of container A is 5cm. The height of container B is 10cm</p> <p>The volume of B is 240cm<sup>3</sup></p>	<p>What is the volume of A?</p>	