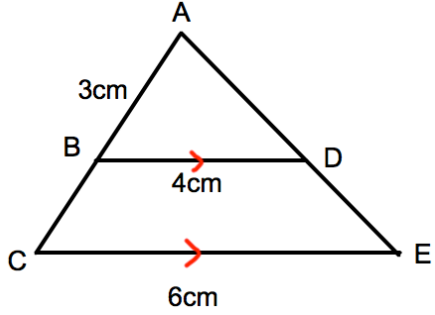
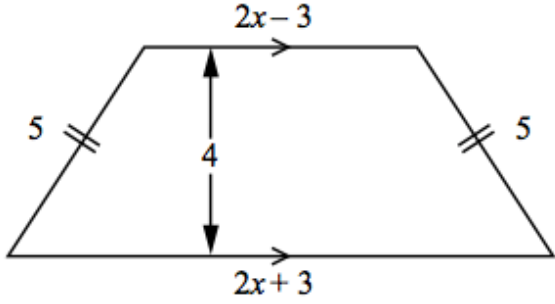


Name: _____

April 20	5-a-day	Higher
<p>Expand and simplify</p> $(5w + 1)(3w + 2)$	<p>Expand and simplify</p> $(y - 8)^2$	
<p>Solve the simultaneous equations.</p> $3x + 2y = 4$ $2x - 3y = 7$		
 <p>A triangle ACE with a line segment BD. Side AB is 3cm, side BC is 6cm, and segment BD is 4cm. Red arrows on BD and CE indicate they are parallel.</p>	<p>Find the length of BC.</p>	
 <p>An isosceles trapezium with parallel sides $2x - 3$ and $2x + 3$, height 4, and slanted sides 5.</p>	<p>The area of this trapezium is 18cm^2.</p> <p>Calculate the perimeter</p>	
<p>A shirt is increased in price by 20% at the start of 2014.</p> <p>In the sales, in March, it is then reduced in price by 15%.</p> <p>Work out the overall change in price since 2013.</p>		