

Name: _____

5-a-day

Foundation Plus

<p>3rd June</p> <p style="text-align: right;">Corbettmaths</p>	
<p>Solve</p> <p>$3(x - 2) + 2(x + 8) = x + 6$</p>	
<p>Sally</p> <p style="text-align: right;">Laura</p> <p style="text-align: center;">0.7</p> <pre> graph TD Sally((Sally)) -- 0.7 --> Sally_Pass[Pass] Sally -- 0.3 --> Sally_Fail[Fail] Sally_Pass --> Laura_Pass[Pass] Sally_Pass --> Laura_Fail_1[Fail] Sally_Fail --> Laura_Fail_2[Fail] Sally_Fail --> Laura_Pass_2[Pass] </pre>	<p>Complete the tree diagram.</p>
<p>Sally and Laura sit their driving tests.</p> <p>The probability of Sally passing her driving test is 0.7</p> <p>The probability of Laura passing is 0.6</p>	<p>Find the probability of both women passing.</p>
<p>Solve $(x + 1)(x - 2) = 0$</p>	
<p>The size of each exterior angle of a regular polygon is 8 degrees.</p> <p>How many sides does the polygon have?</p>	<p>What is the sum of the interior angles of the polygon?</p>

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