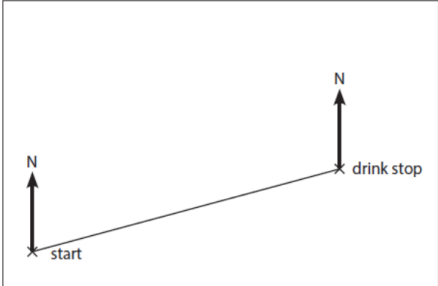
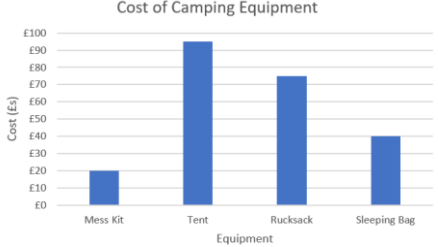
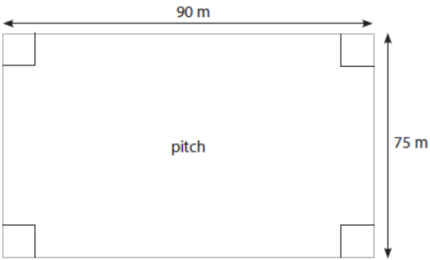


Functional Skills Maths | Lesson Starter Quiz for Public Services Learners

<p>1. Kenny is organising a Duke of Edinburgh expedition. He knows the ratio of adults to youths should be 1:6.</p> <p>There are currently 25 youths.</p> <p>How many adults does Kenny need?</p> <p style="text-align: right;">(1)</p>	<p>2. Jake is preparing for his work experience. He is looking at his travel costs for five days.</p> <p>A return ticket cost £22 per day. There is a discount of 15% if he buys a five-day ticket.</p> <p>How much money would he save with this discount?</p> <p style="text-align: right;">(1)</p>	<p>3. Sarah is training for the firefighters' bleep test. These are the distances in metres she ran in her first five attempts.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px 10px;">1289</td> <td style="padding: 2px 10px;">1330</td> <td style="padding: 2px 10px;">1195</td> <td style="padding: 2px 10px;">1444</td> <td style="padding: 2px 10px;">1600</td> </tr> </table> <p>What is the mean distance she ran?</p> <p style="text-align: right;">(1)</p>	1289	1330	1195	1444	1600
1289	1330	1195	1444	1600			
<p>4. Beena has an exercise routine every week to improve her fitness.</p> <p>Running – 1 hour 20 minutes Cycling – 1 $\frac{3}{4}$ hours Weights – 45 minutes</p> <p>How long will these activities last in total?</p> <p style="text-align: right;">(1)</p>	<p>5. Max is orienteering. They have a map for part of the route.</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>What is the bearing of this route?</p> <p style="text-align: right;">(1)</p>	<p>6. Lottie is buying equipment for a camping trip. She has all the prices on a bar chart.</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Using the bar chart, how much does she spend in total?</p> <p style="text-align: right;">(1)</p>					
<p>7. Pinh and Erdinch are working out how much time they have available for a volunteering activity.</p> <p>Pinh can commit for a number of hours per day for a number of days.</p> <p>Erdinch can commit for a number of hours per week for a number of weeks.</p> <p>How can they work out how much time they will commit?</p> <p style="text-align: right;">(1)</p>	<p>8. Ali wants to improve his fitness. He runs laps around a football pitch (see below).</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>How many laps will he need to run to run a total of 10km?</p> <p style="text-align: right;">(1)</p>	<p>9. Use a reverse calculation to check your answer to question 3.</p> <p style="text-align: right;">(1)</p>					