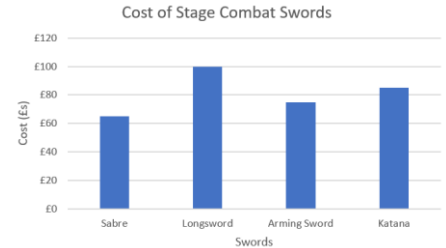
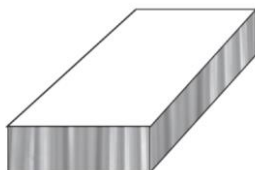


Functional Skills Maths | Lesson Starter Quiz for Performing Arts Learners

<p>1. Lorna is putting on a performance. The total cost of the production is £890.</p> <p>Tickets to the performance will cost £12.</p> <p>How many tickets will need to be sold for the performance to break even?</p> <p style="text-align: right;">(1)</p>	<p>2. Neil is painting props for the next performance. He knows that paint costs £22.99 per tin. He sees the following offer:</p> <div style="border: 1px solid black; padding: 10px; text-align: center; margin: 10px auto; width: fit-content;"> <p>Special Offer Buy two tins of paint, save 15%</p> </div> <p>How much money would he save with this discount?</p> <p style="text-align: right;">(1)</p>	<p>3. Joel has been practising his monologue. He has timed in minutes himself doing so.</p> <table border="1" style="margin: 10px auto; text-align: center; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">12</td> <td style="padding: 2px 10px;">13</td> <td style="padding: 2px 10px;">12</td> <td style="padding: 2px 10px;">15</td> <td style="padding: 2px 10px;">11</td> <td style="padding: 2px 10px;">9</td> </tr> </table> <p>What is the mean time he took?</p> <p style="text-align: right;">(1)</p>	12	13	12	15	11	9				
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<p>4. Josephine is organising a dress rehearsal. She has these current timings</p> <p>Stage preparation – 1 hour 15 minutes</p> <p>Act 1 – $\frac{3}{4}$ of an hour</p> <p>Interval – 20 minutes</p> <p>Act 2 – 35 minutes</p> <p>How long will the dress rehearsal take in total?</p> <p style="text-align: right;">(1)</p>	<p>5. Ian is carrying a shield for his role in a new play. It weighs 1810g.</p> <p>What is the weight in kilograms?</p> <p style="text-align: right;">(1)</p>	<p>6. Suzanna is buying stage combat swords for a production. She has all the prices on a bar chart.</p> <div style="text-align: center; margin: 10px 0;"> <p>Cost of Stage Combat Swords</p>  <table border="1" style="margin: 5px auto; border-collapse: collapse; font-size: small;"> <caption>Cost of Stage Combat Swords</caption> <thead> <tr> <th>Sword Type</th> <th>Cost (£)</th> </tr> </thead> <tbody> <tr> <td>Sabre</td> <td>65</td> </tr> <tr> <td>Longsword</td> <td>100</td> </tr> <tr> <td>Arming Sword</td> <td>75</td> </tr> <tr> <td>Katana</td> <td>85</td> </tr> </tbody> </table> </div> <p>She decides to buy a longsword and two arming swords. Using the bar chart, how much would she spend?</p> <p style="text-align: right;">(1)</p>	Sword Type	Cost (£)	Sabre	65	Longsword	100	Arming Sword	75	Katana	85
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<p>7. Flynn is rehearsing for a play. They know how many hours a week they have to rehearse for and how many weeks they have until the performance.</p> <p>How would they work out the total rehearsal time?</p> <p style="text-align: right;">(1)</p>	<p>8. Rita is going to put material around all the edges of a stage. The top of the stage is rectangular 4m by 20m.</p>  <p>Rita has 9 pieces of material. Each piece of material is 5 m long.</p> <p>Has Rita enough pieces of material?</p> <p style="text-align: right;">(1)</p>	<p>9. Use estimation to check your answer to question 2.</p> <p style="text-align: right;">(1)</p>										