


Functional Skills Maths | Lesson Starter Quiz for Digital Media Learners

<p>1. Ethan is planning to record an audio advertisement. He has estimated the following timings.</p> <ul style="list-style-type: none"> • Recording Dialogue – $\frac{3}{4}$ hour • Recording Sound Effects – 35 minutes • Editing Time – 1 hour 20 minutes <p>How long will it take him to record and edit the advertisement?</p> <p style="text-align: right;">(1)</p>	<p>2. Cleo has recorded a video for a customer. It is 135 seconds long.</p> <p>The customer has asked it to be 15% shorter.</p> <p>How long will the new version be?</p> <p style="text-align: right;">(1)</p>	<p>3. Penny is buying card for her to use as storyboards. She sees the following price list:</p> <div style="border: 1px solid orange; padding: 10px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">A4 - £4.30</p> <p style="text-align: center;">A3 - £6.75</p> <p style="text-align: center;">A2 - £8.50</p> </div> <p>How much would it cost to buy one A4, two A3 and one A2?</p> <p style="text-align: right;">(1)</p>												
<p>4. Noel has created a pie chart showing the costs involved in recording an audio advertisement. The total cost was £520.</p> <div style="text-align: center; margin-bottom: 10px;"> <p>Costs Involved In Recording An Audio Advertisement</p>  </div> <p>Using the pie chart, how much money was spent on the recording studio?</p> <p style="text-align: right;">(1)</p>	<p>5. Kayden has rigged up a video camera so it can record in a circle of 360 degrees.</p> <p>The furthest distance it can record is 50m in any direction.</p> <p>What is area covered by the camera?</p> <p style="text-align: right;">(1)</p>	<p>6. Melinda has created a storyboard and has given an estimated time for each frame.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Frame 1</th> <th>Frame 2</th> <th>Frame 3</th> <th>Frame 4</th> <th>Frame 5</th> <th>Frame 6</th> </tr> </thead> <tbody> <tr> <td>120 seconds</td> <td>75 seconds</td> <td>230 seconds</td> <td>95 seconds</td> <td>65 seconds</td> <td>145 seconds</td> </tr> </tbody> </table> <p>What is the mean time per frame Melinda has allocated?</p> <p style="text-align: right;">(1)</p>	Frame 1	Frame 2	Frame 3	Frame 4	Frame 5	Frame 6	120 seconds	75 seconds	230 seconds	95 seconds	65 seconds	145 seconds
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<p>7. Chris is creating a digital animation. They know how long it will take to create each slide. They know how many slides they will need. They know they need to finish it by a certain time today.</p> <p>How would they work out if they would complete it on time?</p> <p style="text-align: right;">(1)</p>	<p>8. Klara has a budget of £1080 to record a short film.</p> <ul style="list-style-type: none"> • $\frac{2}{3}$ of the budget will be spent location recording. • $\frac{1}{4}$ of the budget will be spent on editing. <p>How much of the budget is left?</p> <p style="text-align: right;">(1)</p>	<p>9. Use reverse calculation to check your answer to question 2.</p> <p style="text-align: right;">(1)</p>												

Total Marks: _____ / 9