1. Ethan is planning to record an audio advertisement. He has estimated the following timings.
   - Recording Dialogue – ¾ hour
   - Recording Sound Effects – 35 minutes
   - Editing Time – 1 hour 20 minutes

   How long will it take him to record and edit the advertisement?

2. Cleo has recorded a video for a customer. It is 135 seconds long. The customer has asked it to be 15% shorter.

   How long will the new version be?

3. Penny is buying card for her to use as storyboards. She sees the following price list:
   - A4 - £4.30
   - A3 - £6.75
   - A2 - £8.50

   How much would it cost to buy one A4, two A3 and one A2?

4. Noel has created a pie chart showing the costs involved in recording an audio advertisement. The total cost was £520.

   Using the pie chart, how much money was spent on the recording studio?

5. Kayden has rigged up a video camera so it can record in a circle of 360 degrees.

   The furthest distance it can record is 50m in any direction.

   What is area covered by the camera?

6. Melinda has created a storyboard and has given an estimated time for each frame.

   What is the mean time per frame Melinda has allocated?

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.

   How would they work out if they would complete it on time?

8. Klara has a budget of £1080 to record a short film.
   - 2/3 of the budget will be spent on location recording.
   - ¼ of the budget will be spent on editing.

   How much of the budget is left?

9. Use reverse calculation to check your answer to question 2.

Total Marks: ________/ 9