2.32-2 Measurement, Money and Time Depth Set 2: Test Pack

GL ASSESSMENT GL · Calculators not allowed · about 15 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Which of these is equal to 3.2 metres?

- ☐ A) 32 cm
- ☐ B) 320 cm
- ☐ C) 3200 cm
- ☐ D) 0.32 cm

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2 A train travels 98 km at an average speed of 70 km/h. Calculate how long the journey takes, giving your answer in hours and minutes.

(2)

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3 A coach departs at 22:40 and the journey lasts 4 hours 15 minutes.

(a) Calculate the arrival time, using the 24-hour clock. **(2)**

.....

(b) Convert this arrival time into the 12-hour clock. **(1)**

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4 Mrs Adeyemi needs to arrive at an event in Lyneham by 16:00. The distance from her home to Lyneham is 126 km. She plans to drive at an average speed of 63 km/h and will take one 25 minute break on the way. Petrol for the journey costs £0.15 per km.

(a) Calculate the driving time for the journey, not including the break. Give your answer in hours and minutes. **(2)**

.....

(b) Calculate the latest time Mrs Adeyemi must leave home in order to arrive by 16:00, including the break. **(3)**

.....

(c) Calculate the total cost of petrol for the 126 km journey. **(2)**

.....

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5 A rugby match kicks off at 2:20 pm and the final whistle blows at 3:55 pm. How many minutes does the match last?

(1)

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Mark scheme · 2.32-2 Measurement, Money and Time Depth Set 2: Test Pack

Question 1

B cao **B1**

Answer: B) 320 cm

Question 2

98 / 70 (oe) **M1**

1 hour 24 minutes oe **A1**

Answer: 1 hour 24 minutes

Question 3

(a) Adds 1 hour 20 minutes to 22:40 to reach 00:00 the next day, or a complete equivalent method **M1**

(a) 02:55 cao **A1**

(a) Answer: 02:55

(b) 2:55 am oe, ft **B1**

(b) Answer: 2:55 am

Question 4

(a) 126 / 63 (oe) **M1**

(a) 2 hours oe **A1**

(a) Answer: 2 hours

(b) Adds the 25 minute break to their (a), ft, giving 2 hours 25 minutes **M1**

(b) Subtracts their total time from 16:00, ft **M1**

(b) 13:35 cao (ft) **A1**

(b) Answer: 13:35

(c) 126 x 0.15 (oe) **M1**

(c) £18.90 cao **A1**

(c) Answer: £18.90

Question 5

95 minutes cao **B1**

Answer: 95 minutes

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