



EP.M141 GL Assessment Style Maths Speed Section 1

GL ASSESSMENT GL-11PLUS-MATHS-MOCK · Calculators not allowed · about 55 minutes

Total Marks

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

1 Which of these is the value of 7×8 ?

- ☐ A) 48
- ☐ B) 54
- ☐ C) 56
- ☐ D) 63
- ☐ E) 72

(Total for Question 1 is 1 mark)

2 What is 1548 rounded to the nearest 100?

- ☐ A) 1,000
- ☐ B) 1,400
- ☐ C) 1,500
- ☐ D) 1,600
- ☐ E) 2,000

(Total for Question 2 is 1 mark)

3 Priya had $\frac{3}{4}$ of a chocolate bar. She ate $\frac{1}{8}$ of the bar. What fraction of the bar is left?

- ☐ A) $\frac{5}{8}$
- ☐ B) $\frac{3}{8}$
- ☐ C) $\frac{2}{8}$
- ☐ D) $\frac{5}{4}$
- ☐ E) $\frac{1}{8}$

(Total for Question 3 is 1 mark)

4 A shop sells 6 apples for 95p. How much would 12 apples cost at the same rate?

- ☐ A) £1.90
- ☐ B) £2.00
- ☐ C) £1.95
- ☐ D) £2.10
- ☐ E) £1.85

(Total for Question 4 is 1 mark)

5 Which number is a prime?

- ☐ A) 21
- ☐ B) 27
- ☐ C) 29
- ☐ D) 33
- ☐ E) 35

(Total for Question 5 is 1 mark)

6 A square has side length 9 cm. What is its area?

- ☐ A) 18 cm²
- ☐ B) 27 cm²
- ☐ C) 36 cm²
- ☐ D) 81 cm²
- ☐ E) 72 cm²

(Total for Question 6 is 1 mark)

7 Which decimal is equal to $\frac{3}{5}$?

- ☐ A) 0.3
- ☐ B) 0.5
- ☐ C) 0.6
- ☐ D) 0.8
- ☐ E) 0.75

(Total for Question 7 is 1 mark)

8 A bus journey takes 1 hour 20 minutes. How many minutes is that?

- ☐ A) 70
- ☐ B) 80
- ☐ C) 90
- ☐ D) 100
- ☐ E) 120

(Total for Question 8 is 1 mark)

9 Which of these is the best estimate for $\sqrt{150}$?

- ☐ A) 10
- ☐ B) 11
- ☐ C) 12
- ☐ D) 13
- ☐ E) 14

(Total for Question 9 is 1 mark)

10 Which of these angles is acute?

- ☐ A) 90 degrees
- ☐ B) 100 degrees
- ☐ C) 120 degrees
- ☐ D) 45 degrees
- ☐ E) 180 degrees

(Total for Question 10 is 1 mark)

11 Complete: $4 \times ? = 2^4$

- ☐ A) 2
- ☐ B) 3
- ☐ C) 4
- ☐ D) 6
- ☐ E) 8

(Total for Question 11 is 1 mark)

12 Which of these numbers is divisible by 9?

- ☐ A) 234
- ☐ B) 235
- ☐ C) 236
- ☐ D) 237
- ☐ E) 238

(Total for Question 12 is 1 mark)

13 A recipe uses 250 g of flour to make 10 biscuits.

(a) How many grams of flour are needed for 25 biscuits? (1)

(b) If you have 1.5 kg of flour, how many biscuits can you make using the same recipe? (1)

(Total for Question 13 is 2 marks)

14 A rectangle has perimeter 36 cm. Its length is 11 cm.

(a) Work out the width of the rectangle in centimetres. (1)

(b) Calculate the area of the rectangle in cm^2 . (1)

(Total for Question 14 is 2 marks)

Mark scheme · EP.M141 GL Assessment Style Maths Speed Section 1

Question 1

- **B1** correct option C (56) cao
- **Answer: C) 56**

Question 2

- **B1** correct option C (1,500) cao
- **Answer: C) 1,500**

Question 3

- **B1** correct option A (5/8) cao
- **Answer: A) 5/8**

Question 4

- **B1** correct option A (£1.90) cao
- **Answer: A) £1.90**

Question 5

- **B1** correct option C (29) cao
- **Answer: C) 29**

Question 6

- **B1** correct option D (81 cm²) cao
- **Answer: D) 81 cm²**

Question 7

- **B1** correct option C (0.6) cao
- **Answer: C) 0.6**

Question 8

- **B1** correct option B (80 minutes) cao
- **Answer: B) 80**

Question 9

- **B1** correct option C (12) cao
- **Answer: C) 12**

Question 10

- **B1** correct option D (45 degrees) cao
- **Answer: D) 45 degrees**

Question 11

- **B1** correct option C (4) cao
- **Answer: C) 4**

Question 12

- **B1** correct option A (234) cao
- **Answer: A) 234**

Question 13

- (a) **B1** 625 g cao
- (a) **Answer: 625 g**
- (b) **B1** 60 biscuits cao
- (b) **Answer: 60 biscuits**

Question 14

- (a) **B1** 7 cm cao
- (a) **Answer:** 7 cm
- (b) **B1** 77 cm^2 cao
- (b) **Answer:** 77 cm^2