Functional Skills Maths Entry Level 3

Mock Test 1

Total marks: 58

Pass mark: 35 out of 58

Time allowed: 1 hour 45 minutes

Section A: Non-calculator (30 minutes, 15 marks) | Section B: Calculator allowed (75 minutes, 43 marks)

You will need: pen, pencil, ruler, rubber, calculator (Section B only)

Name: _____ Date: _____

Section A — Non-Calculator

9 questions • 15 marks • 30 minutes

Question 1 (2 marks)

A bus ticket costs £2.45. Darren pays with a £5 note. How much change should he get?

- A) £2.45
- B) £2.55
- C) £3.55
- D) £2.65

Question 2 (1 mark)

Round 367 to the nearest 10.

- A) 360
- B) 370
- C) 400
- D) 300

Question 3 (2 marks)

A football match starts at 2:45 pm and lasts 90 minutes. What time does it finish?

- A) 3:45 pm
- B) 4:15 pm
- C) 4:30 pm
- D) 3:15 pm

Question 4 (1 mark)

What is 248 + 175?

- A) 413
- B) 423
- C) 323
- D) 433

Question 5 (2 marks)

Sarah buys 4 packs of crisps at 35p each. How much does she spend altogether?

- A) £1.05
- B) £1.20
- C) £1.40
- D) £1.45

Question 6 (1 mark)

What is half of 86?

- A) 42
- B) 43
- C) 46
- D) 48

Question 7 (2 marks)

A recipe needs 250ml of milk. Jake wants to make 3 batches. How much milk does he need in total?

- A) 500 ml
- B) 750 ml
- C) 650 ml
- D) 850 ml

Question 8 (2 marks)

503 − 278 = ?

- A) 235
- B) 225
- C) 325
- D) 215

Question 9 (2 marks)

A box holds 10 eggs. A shop has 156 eggs to pack. How many full boxes can they fill?

- A) 16
- B) 15
- C) 14
- D) 156

Section B — Calculator Allowed

16 questions • 43 marks • 75 minutes

Question 10 (2 marks)

A family goes to the cinema. Adult tickets cost £9.50 and child tickets cost £6.25. They buy 2 adult tickets and 3 child tickets. Total cost?

- A) £37.75
- B) £34.25
- C) £37.25
- D) £38.75

Question 11 (3 marks)

Tom worked these hours last week: Mon 6, Tue 4, Wed 7, Thu 5, Fri 8. a) How many hours did Tom work in total? b) Tom is paid £8.50 per hour. How much did he earn on Friday?

- A) a) 30 hours, b) £68.00
- B) a) 28 hours, b) £68.00
- C) a) 30 hours, b) £64.00
- D) a) 32 hours, b) £72.00

Question 12 (2 marks)

A shelf is 120 cm long. Books are 4 cm wide each. How many books fit?

- A) 28
- B) 30

■ C) 32
■ D) 40

Question 13 (3 marks)

Car park charges: Up to 1 hour £1.50, 1–3 hours £3.20, 3–5 hours £5.00, Over 5 hours £8.00. Aisha parks from 10:15 am to 2:45 pm. How much does she pay?

■ A) £3.20
■ B) £5.00
■ C) £8.00
■ D) £1.50

Question 14 (2 marks)

Round 1,847 to the nearest 100.

■ A) 1,800
■ B) 1,900
■ C) 2,000
■ D) 1,850

Question 15 (3 marks)

A bag of potatoes weighs 2.5 kg. A restaurant orders 12 bags. a) Total weight? b) Each portion uses 250g — how many portions from one bag?

■ A) a) 30 kg, b) 10 portions
■ B) a) 25 kg, b) 10 portions
■ C) a) 30 kg, b) 8 portions
■ D) a) 24 kg, b) 12 portions

Question 16 (2 marks)

A rectangle has length 8 cm and width 5 cm. Perimeter?

■ A) 13 cm
■ B) 26 cm
■ C) 40 cm
■ D) 30 cm

Question 17 (3 marks)

Cups of tea sold: Mon 24, Tue 18, Wed 30, Thu 22, Fri 36. a) Most sales day? b) More on Friday than Tuesday? c) Total across all 5 days?

■ A) a) Friday, b) 18, c) 130
■ B) a) Wednesday, b) 18, c) 130
■ C) a) Friday, b) 12, c) 130
■ D) a) Friday, b) 18, c) 120

Question 18 (3 marks)

A train departs at 09:47 and arrives at 11:23. a) Journey time in minutes? b) If the train is 15 minutes late departing, what time does it arrive?

■ A) a) 96 minutes, b) 11:38
■ B) a) 86 minutes, b) 11:38
■ C) a) 96 minutes, b) 11:48

■ D) a) 76 minutes, b) 11:38

Question 19 (3 marks)

A school trip costs £12.50 per student. There are 24 students. a) Total cost? b) The school has a budget of £350. Is this enough, and how much over/under?

■ A) a) £300.00, b) Yes, £50 under
■ B) a) £312.50, b) Yes, £37.50 under
■ C) a) £300.00, b) Yes, £37.50 under
■ D) a) £312.50, b) Yes, £50 under

Question 20 (3 marks)

A builder needs 5 metres of wood. The shop sells it in 60 cm lengths. a) How many cm is 5 metres? b) How many pieces does the builder need to buy?

■ A) a) 500 cm, b) 8 pieces
■ B) a) 500 cm, b) 9 pieces
■ C) a) 50 cm, b) 9 pieces
■ D) a) 500 cm, b) 10 pieces

Question 21 (2 marks)

A shape is divided into 4 equal parts. 3 parts are shaded. What fraction is shaded?

■ A) 1/4
■ B) 3/4
■ C) 1/3
■ D) 2/3

Question 22 (3 marks)

A shop sale reduces everything by 1/4. A coat normally costs £48. a) How much is taken off? b) What is the sale price?

■ A) a) £12, b) £36
■ B) a) £16, b) £32
■ C) a) £12, b) £34
■ D) a) £24, b) £24

Question 23 (3 marks)

A room measures 4m by 3m. a) Area? b) How many 1m × 1m carpet tiles? c) Each tile costs £4.99 — total cost?

■ A) a) 12 m², b) 12 tiles, c) £59.88
■ B) a) 14 m², b) 14 tiles, c) £69.86
■ C) a) 12 m², b) 12 tiles, c) £49.90
■ D) a) 7 m², b) 7 tiles, c) £34.93

Question 24 (3 marks)

Temperatures: 6am 2°C, 9am 7°C, 12pm 14°C, 3pm 12°C, 6pm 8°C, 9pm 4°C. a) Highest? b) Difference between highest and lowest? c) Rise from 6am to 12pm?

■ A) a) 14°C, b) 12°C, c) 12°C
■ B) a) 14°C, b) 10°C, c) 12°C
■ C) a) 12°C, b) 12°C, c) 10°C

■ D) a) 14°C, b) 12°C, c) 7°C

Question 25 (3 marks)

Delivery distances: 12.5km, 8.3km, 15.7km, 6.2km, 9.8km. a) Total distance? b) Driver gets 45p per km — earnings for the longest trip?

■ A) a) 52.5 km, b) £7.07
■ B) a) 52.5 km, b) £5.63
■ C) a) 42.5 km, b) £7.07
■ D) a) 52.5 km, b) £6.75