Functional Skills Maths Entry Level 3

Mock Test 5

Total marks: 60

Pass mark: 36 out of 60

Time allowed: 1 hour 45 minutes

Section A: Non-calculator (15 marks) | Section B: Calculator (45 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 (1 mark)

What is 83 + 49?

- A) 122
- B) 132
- C) 142
- D) 128

Question 2 (1 mark)

What is 154 − 89?

- A) 75
- B) 65
- C) 55
- D) 85

Question 3 (2 marks)

Pizza goes in at 6:50 pm for 25 minutes. Take out?

- A) 7:05pm
- B) 7:15pm
- C) 7:25pm
- D) 7:10pm

Question 4 (2 marks)

Coffee £3.20 + cake £2.45. Change from £10?

- A) £4.35
- B) £4.45
- C) £4.25
- D) £5.35

Question 5 (1 mark)

What is 8 × 9?

- A) 63
- B) 72
- C) 81
- D) 64

Question 6 (2 marks)

What is a quarter of 240?

- A) 60
- B) 80
- C) 120
- D) 48

Question 7 (2 marks)

Round 1,250 to the nearest hundred.

- A) 1,200
- B) 1,300
- C) 1,000
- D) 1,250

Question 8 (2 marks)

96 ÷ 8?

- A) 11
- B) 12
- C) 13
- D) 14

Question 9 (2 marks)

Which is bigger: 0.4 or 0.38?

- A) 0.4
- B) 0.38
- C) Equal
- D) Cannot tell

Section B — Calculator Allowed

16 questions • 45 marks • 75 minutes

Question 10 (2 marks)

Taxi: £3.20 + £1.40/mile × 5 miles. Total?

- A) £9.20
- B) £10.20
- C) £8.20
- D) £10.40

Question 11 (3 marks)

Tomatoes: Market £2.40/kg × 2kg vs supermarket 12 tomatoes × £0.65. Which is cheaper, and by how much?

- A) Market saves £3.00
- B) Market saves £2.40
- C) Supermarket saves £1
- D) Market saves £3.80

Question 12 (2 marks)

4,200g in kg?

- A) 42kg
- B) 4.2kg
- C) 0.42kg
- D) 420kg

Question 13 (2 marks)

90cm shelf. Books 3cm wide each. How many fit?

- A) 27
- B) 30
- C) 33
- D) 25

Question 14 (3 marks)

Survey: 40 people; 12 chose Cat. Simplest fraction?

- A) 12/40
- B) 3/10
- C) 6/20
- D) 1/4

Question 15 (2 marks)

Regular hexagon, side 5cm. Perimeter?

- A) 25cm
- B) 30cm
- C) 35cm
- D) 20cm

Question 16 (3 marks)

£11.44/hr: Mon 4 hrs, Wed 5 hrs, Fri 3 hrs. Weekly pay?

- A) £127.28
- B) £137.28
- C) £147.28
- D) £132.28

Question 17 (2 marks)

Train at 15:20. 40-minute walk to station. Latest to leave?

- A) 14:30
- B) 14:40
- C) 14:50
- D) 14:20

Question 18 (3 marks)

Phone: contract £18.99/month × 24 months vs PAYG £89 phone + £12/month × 24. Savings?

- A) PAYG saves £78.76
- B) Contract saves £78.76
- C) PAYG saves £88.76
- D) Contract saves £68.76

Question 19 (2 marks)

3/5 of 60?

- A) 30
- B) 36

■ C) 40
■ D) 24

Question 20 (3 marks)

Rainfall: Jan 45, Feb 38, Mar 52, Apr 61, May 30 mm. Least & total?

■ A) May — 226mm
■ B) Feb — 226mm
■ C) May — 216mm
■ D) Feb — 216mm

Question 21 (2 marks)

How many 500ml bottles can be filled from 3L?

■ A) 5
■ B) 6
■ C) 7
■ D) 8

Question 22 (3 marks)

Garden 12m × 8m with circular pond, area $\pi \times 2^2 = 12.56$ m². Grass area?

■ A) 83.44 m²
■ B) 93.44 m²
■ C) 96 m²
■ D) 108.44 m²

Question 23 (3 marks)

Theme park: 2 × £32 + 2 × £19.50 + £28.50 food. Total?

■ A) £121.50
■ B) £131.50
■ C) £141.50
■ D) £151.50

Question 24 (3 marks)

Carpet £8.50/m². Room 5m × 4m. Fitter £60. Total?

■ A) £220
■ B) £230
■ C) £240
■ D) £210

Question 25 (3 marks)

Gas meter: 2,145 → 2,398. 7.5p/unit + £8.50 standing charge. Bill?

■ A) £27.48
■ B) £28.48
■ C) £29.48
■ D) £27.98