FREE Sample Pack

Functional Skills Maths Level 1

This is a taster. 10 questions from across the Maths Level 1 syllabus, plus a one-page cheat sheet with the key formulas and rules your teen needs to know.

The full pack has 5 complete mock tests (30 questions each), a 200-question workbook covering 10 topics, a full study guide, answer booklets, a progress tracker, and a quick reference sheet. Everything they need to pass.

If your teen is working towards Functional Skills Maths Level 1 — whether through a college, training provider, or independently — this pack was built for them.

Start with the free Rewired course to understand how to support your teen. Then grab the full Maths L1 pack when they're ready to practise.

Mini Mock Test — Maths Level 1

10 Questions | 15 Minutes | Calculator NOT allowed

Q1. A jacket costs £45. It is reduced by 20% in a sale. What is the sale price?

a) £25
b) £36
c) £39
d) £40

Q2. Write 0.35 as a fraction in its simplest form.

a) 35/100
b) 7/20
c) 7/10
d) 1/3

Q3. A train departs at 14:47 and arrives at 16:12. How long is the journey?

a) 1 hour 15 minutes
b) 1 hour 25 minutes
c) 1 hour 35 minutes
d) 2 hours 25 minutes

Q4. Share £150 in the ratio 2:3. What is the larger share?

a) £50
b) £60
c) £75
d) £90

Q5. A rectangle measures 8cm by 5cm. What is its area?

a) 13 cm^2
b) 26 cm^2
c) 40 cm^2
d) 45 cm^2

Q6. Convert 3.5 kilometres to metres.

a) 350 m
b) 3,500 m
c) 35 m
d) 35,000 m

Q7. The mean of five numbers is 12. What is their total?

a) 48
b) 55
c) 60
d) 72

Q8. A bag contains 3 red, 5 blue, and 2 green balls. What is the probability of picking a blue ball?

a) 1/5

b) 1/3
c) 1/2
d) 5/8

Q9. Increase £80 by 15%.

a) £92
b) £95
c) £68
d) £12

Q10. A recipe for 4 people uses 300g of flour. How much flour is needed for 6 people?

a) 400g
b) 450g
c) 500g
d) 600g

Answers & Explanations

Q1: B — 20% of £45 = £9. Sale price = £45 - £9 = £36.

Q2: B — 0.35 = 35/100. Divide both by 5 = 7/20.

Q3: B — 14:47 to 15:47 = 1 hour. 15:47 to 16:12 = 25 minutes. Total = 1 hour 25 minutes.

Q4: D — Total parts = 5. One part = £150 ÷ 5 = £30. Larger share = 3 × £30 = £90.

Q5: C — Area = length × width = 8 × 5 = 40 cm².

Q6: B — 1 km = 1,000 m. So 3.5 × 1,000 = 3,500 m.

Q7: C — Mean = total ÷ count. So total = mean × count = 12 × 5 = 60.

Q8: C — Total = 10 balls. Blue = 5. Probability = 5/10 = 1/2.

Q9: A — 15% of £80 = £12. New amount = £80 + £12 = £92.

Q10: B — 300g ÷ 4 = 75g per person. 75g × 6 = 450g.

Want 5 full mock tests, a 200-question workbook, and a complete study guide? Get the full Maths Level 1 Prep Pack at rewiredparents.systeme.io

Maths Level 1 — Cheat Sheet

Key formulas, rules & exam tips on one page

Fractions, Decimals & Percentages

- 50% = 1/2 = 0.5 | 25% = 1/4 = 0.25 | 10% = 1/10 = 0.1 | 1% = 1/100 = 0.01
- To find a percentage: divide by 100, multiply by the %
- To simplify fractions: divide top and bottom by their highest common factor
- To convert fraction to decimal: divide top by bottom

Ratio & Proportion

- Ratio a:b means total parts = a + b
- To share an amount: find one part (total / number of parts), then multiply
- Scaling: find the value of 1, then multiply up

Perimeter, Area & Volume

- Perimeter = total distance around the outside (add all sides)
- Area of rectangle = length x width
- Area of triangle = 1/2 x base x height
- Volume of cuboid = length x width x height

Units & Conversions

- km to m: x1000 | m to cm: x100 | cm to mm: x10
- kg to g: x1000 | litres to ml: x1000
- 1 inch = 2.5cm | 1 kg = 2.2 lbs | 1 mile = 1.6 km (approx)

Data & Statistics

- Mean = total of all values / how many values
- Median = middle value when put in order
- Mode = most common value | Range = highest - lowest
- Probability = favourable outcomes / total possible outcomes

Money & Time

- Discount: find the %, subtract from original price
- VAT (20%): multiply by 1.2
- 24-hour clock: add 12 to pm times (3:30pm = 15:30)
- Journey time = arrival time - departure time

Exam Tips

- Show ALL working - you get marks for method even if the final answer is wrong
- Always include units in your answer (cm, kg, ml, etc.)
- Estimate first, then calculate - does your answer make sense?
- Read the question twice. Underline the key numbers and what it's asking for.