



11+ Maths Mock Test 2

AcumenTeach — 11+ Starter Pack

**Suitable for GL, Independent Schools, and
Grammar School Preparation**

Topics covered: Fractions, Decimals, Percentages, Ratio, Word Problems, Algebra, Area, Perimeter, Number Operations.

SECTION A — Arithmetic & Number (Questions 1–6)

1. What is $480 \div 6$?

2. Calculate: $37 + 58$.

3. What is the value of $900 - 275$?

4. Multiply: 24×7 .

5. What is $3,500 + 2,450$?

6. Find the difference: $812 - 399$.

SECTION B — Fractions & Decimals (Questions 7–11)

7. Simplify: $12\overline{)18}$.

8. What is 0.6×5 ?

9. Convert $\frac{3}{4}$ to a decimal.

10. Add: $1.25 + 0.75$.

11. What is 25 of 45?

SECTION C — Percentages & Ratio (Questions 12–15)

12. Find 20% of 80.

13. Increase 50 by 10%.

14. A ratio is 3:2. If the smaller part is 16, what is the larger part?

15. A number is reduced by 25% to become 60. What was the original number?

SECTION D — Word Problems (Questions 16–18)

16. A box has 48 pencils. If they are shared equally among 6 students, how many pencils does each student get?

17. A book has 240 pages. A student reads 45 pages each day. How many days will it take to finish the book?

18. A shop sells apples at £0.35 each. How much do 12 apples cost?

SECTION E — Reasoning & Multi-Step (Questions 19–20)

19. A number is multiplied by 4 and then 12 is added. The final answer is

20. A rectangle has a length of 12 cm and a perimeter of 40 cm. What is its width?

ANSWERS

Question Numbers	Answers	Question Numbers	Answers
1	80	11	18
2	95	12	16
3	625	13	55
4	168	14	24
5	5950	15	80
6	413	16	8
7	$\frac{2}{3}$	17	$240 \div 45 = 5\frac{1}{3}$ days
8	3	18	£4.20
9	0.75	19	8
10	2	20	8 cm