



11+ Arithmetic Speed Mock — Higher Ability

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

SECTION A — Quick Calculations (1–6)

1. $96 \div 3$

2. $125 + 375$

3. $840 - 265$

4. 48×6

5. 3.6×5

6. $7.5 \div 0.5$

SECTION B — Multi-Step Arithmetic (7–12)

7. Double 145, then subtract 30.

8. Triple 48, then divide the result by 4.

9. Increase 240 by 15%.

10. Decrease 320 by 25%.

11. Add 2,450 and 3,275, then divide the total by 5.

12. Multiply 36 by 9, then subtract 54.

SECTION C — Higher-Ability Number Problems (13–17)

13. What is $182 - 122$?

14. A number is multiplied by 7 and then 45 is added. The final result is 152. What was the original number?

15. Find 34 of 96.

16. A number is increased by 40% to become 98. What was the original number?

17. What is 0.8×0.75 ?

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SECTION D — Speed Word Problems (18–20)

18. A shop sells 3 pens for £2.70. How much do 7 pens cost?

19. A box contains 128 sweets. If 24 are eaten, how many remain?

20. A train travels 85 km each hour. How far does it travel in 3.5 hours?

ANSWERS

Question Numbers	Answers	Question Numbers	Answers
1	32	11	1,145
2	500	12	270
3	575	13	180
4	288	14	$(152 - 45) \div 7 = 15.285...$ (not an integer; original number = 15.2857)
5	18	15	72
6	15	16	70
7	260	17	0.6
8	36	18	£6.30
9	276	19	104
10	240	20	297.5 km