



11+ Decimals Worksheet — Mixed Ability

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

SECTION A — Core Ratio Skills (1–6)

1. Write 4.507 in words.

2. Round 6.48 to the nearest whole number.

3. Round 9.736 to 1 decimal place.

4. What is the value of the digit 7 in 12.07?

5. Write 0.6 as a fraction in simplest form.

6. Convert $\frac{3}{10}$ to a decimal.

SECTION B — Decimal Operations (7–12)

7. Calculate: $4.5 + 2.75$

8. Calculate: $8.6 - 3.45$

9. Multiply: 0.4×7

10. Multiply: 3.2×5

11. Divide: $6.4 \div 2$

12. Divide: $9 \div 0.3$

SECTION C — Decimal Word Problems (13–16)

13. A rope is 12.5 m long. If 3.75 m is cut off, how much remains?

14. A book costs £4.75 and a pen costs £1.60. What is the total cost?

15. A car travels 45.6 km in one hour. How far does it travel in 3 hours?

16. A bottle contains 1.5 litres of juice. You pour out 0.85 litres. How much is left?

SECTION D — Higher-Ability Reasoning (17–20)

17. A number is multiplied by 1.5 to become 42. What was the original number?

18. A number is decreased by 0.75 to become 5.2. What was the original number?

19. A rectangle has a width of 4.8 cm. Its length is 2.5 times the width. What is the length?

20. A number is divided by 0.4 and then increased by 6 to give 21. What was the original number?

ANSWERS

Question Numbers	Answers	Question Numbers	Answers
1	Four point five zero seven	11	3.2
2	6	12	30
3	9.7	13	8.75 m
4	Seven hundredths	14	£6.35
5	$\frac{3}{5}$	15	136.8 km
6	0.3	16	0.65 litres
7	7.25	17	28
8	5.15	18	5.95
9	2.8	19	12 cm
10	16	20	6