ARITHMETIC WITH DECIMALS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

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1. $0.5 + 0.3$ | 0.8
2. $1.7 - 0.8$ | 0.9
3. $2.4 + 3.6$ | 6.0
4. $5.9 - 2.3$ | 3.6
5. $0.75 + 0.25$ | 1.00
6. $4.1 - 1.6$ | 2.5
7. $7.82 + 1.18$ | 9.00
8. $9.5 - 4.7$ | 4.8
9. $10.25 + 2.75$ | 13.00
10. $15.4 - 8.9$ | 6.5
11. 0.5×0.2 | 0.10
12. 1.2×3 | 3.6
13. 4×0.25 | 1.00
14. $0.8 \div 0.2$ | 4
15. 1.5×4.0 | 6.0
16. $2.4 \div 0.6$ | 4
17. 0.75×0.4 | 0.300
18. $9.6 \div 1.2$ | 8
19. 3.5×2.5 | 8.75
20. $10.5 \div 0.5$ | 21
21. $0.6 + 0.4 \times 2$ | 1.4
22. $1.5 \times 3 - 2.5$ | 2.0
23. $4.8 \div 2 + 1.6$ | 4.0
24. $5.0 - 0.5 \times 4$ | 3.0
25. $2.4 \times 0.5 + 1.3$ | 2.5
26. $6.0 \div 0.5 - 8$ | 4
27. $1.2 + 3.8 \times 2$ | 8.8
28. $10.5 - 4.5 \div 1.5$ | 7.5

29.	$7.5 \div 2.5 + 1.5$	4.5	30.	$0.9 \times 6 - 2.4$	3.0
31.	$0.5 + 0.5 \times 2 - 0.1$	1.4	32.	$1.2 \times 3 + 4.8 \div 2$	6.0
33.	$10.0 \div 2.5 - 0.5 \times 2$	3.0	34.	$(3.5 + 1.5) \times 2$	10
35.	$6.0 - 1.5 \times 2 + 0.5$	3.5	36.	$8.4 \div 2.1 + 1.2 \times 0.5$	4.6
37.	$2.5 \times 3 - 4.0 \div 2 + 1.5$	7.0	38.	$(6.0 + 2.4) \div 2.1$	4
39.	$5.0 \times 0.4 - 1.2 \div 3 + 0.8$	2.4	40.	$10.5 \div (0.5 \times 3) + 1.0$	8.0

MASTER QUESTIONS

M1. A book costs £3.50 and a pen costs £1.25. What is the total cost? — £4.75

M2. A rope is 2.5 metres long. If you cut off 0.75 metres, how much is left? — 1.75 metres

M3. A car travels 15.6 kilometres per hour. How far does it travel in 3.5 hours? — 54.6 kilometres

M4. A bag of sweets weighs 0.45 kg. What is the total weight of 8 bags? — 3.6 kg

M5. A bottle contains 1.5 litres of water. You pour out 0.3 litres. How much remains? — 1.2 litres

M6. A rectangle measures 4.8 cm by 2.5 cm. What is its area? — 12 cm²

M7. A box of 12 pencils costs £3.60. What is the cost per pencil? — £0.30

M8. Apples cost £0.80 per kilogram. How much do 2.5 kilograms cost? — £2.00

M9. A train carriage has 48 seats. If 0.75 are occupied, how many seats are taken? — 36 seats

M10. A recipe needs 0.6 kg of flour. With 1.8 kg available, how many batches can you make?

3 batches