

ARITHMETIC WITH DECIMALS

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

MAIN QUESTIONS

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|-----|----------------------------|-----|-----------------------------|
| 1. | $0.5 + 0.3$ | 2. | $1.7 - 0.8$ |
| 3. | $2.4 + 3.6$ | 4. | $5.9 - 2.3$ |
| 5. | $0.75 + 0.25$ | 6. | $4.1 - 1.6$ |
| 7. | $7.82 + 1.18$ | 8. | $9.5 - 4.7$ |
| 9. | $10.25 + 2.75$ | 10. | $15.4 - 8.9$ |
| 11. | 0.5×0.2 | 12. | 1.2×3 |
| 13. | 4×0.25 | 14. | $0.8 \div 0.2$ |
| 15. | 1.5×4.0 | 16. | $2.4 \div 0.6$ |
| 17. | 0.75×0.4 | 18. | $9.6 \div 1.2$ |
| 19. | 3.5×2.5 | 20. | $10.5 \div 0.5$ |
| 21. | $0.6 + 0.4 \times 2$ | 22. | $1.5 \times 3 - 2.5$ |
| 23. | $4.8 \div 2 + 1.6$ | 24. | $5.0 - 0.5 \times 4$ |
| 25. | $2.4 \times 0.5 + 1.3$ | 26. | $6.0 \div 0.5 - 8$ |
| 27. | $1.2 + 3.8 \times 2$ | 28. | $10.5 - 4.5 \div 1.5$ |
| 29. | $7.5 \div 2.5 + 1.5$ | 30. | $0.9 \times 6 - 2.4$ |
| 31. | $0.5 + 0.5 \times 2 - 0.1$ | 32. | $1.2 \times 3 + 4.8 \div 2$ |

33. $10.0 \div 2.5 - 0.5 \times 2$

34. $(3.5 + 1.5) \times 2$

35. $6.0 - 1.5 \times 2 + 0.5$

36. $8.4 \div 2.1 + 1.2 \times 0.5$

37. $2.5 \times 3 - 4.0 \div 2 + 1.5$

38. $(6.0 + 2.4) \div 2.1$

39. $5.0 \times 0.4 - 1.2 \div 3 + 0.8$

40. $10.5 \div (0.5 \times 3) + 1.0$

MASTER QUESTIONS



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

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

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

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

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

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

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

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

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

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