

SOLVING LINEAR EQUATIONS WHERE THE SOLUTIONS ARE FRACTIONS

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

MAIN QUESTIONS

1. $2x + 3 = 7$

2. $5x - 4 = 11$

3. $4x + 5 = 17$

4. $3x - 2 = 10$

5. $7x + 1 = 15$

6. $6x - 3 = 21$

7. $9x + 4 = 31$

8. $8x - 5 = 19$

9. $10x + 7 = 37$

10. $12x - 8 = 28$

11. $5x + 3 = 18$

12. $4x - 7 = 9$

13. $6x + 9 = 33$

14. $8x - 11 = 21$

15. $11x + 6 = 50$

MASTER QUESTIONS



M1. A train travels 300 miles in 5 hours. What is its speed in miles per hour?

M2. A shop sells apples at £1.20 per kilogram. How much does 3.5 kilograms cost?

- M3.** A rectangle has a length of 8cm and a width of 5cm. What is its perimeter?
- M4.** A car uses 5 litres of petrol to travel 60 miles. How many litres will it use to travel 150 miles?