

# TWO STEP LINEAR EQUATIONS

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

## MAIN QUESTIONS

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|-----|---------------|--|----------|-----|---------------|--|----------|
| 1.  | $2x + 3 = 9$  |  | $x = 3$  | 2.  | $4x - 1 = 15$ |  | $x = 4$  |
| 3.  | $5x + 2 = 17$ |  | $x = 3$  | 4.  | $3x - 4 = 8$  |  | $x = 4$  |
| 5.  | $6x + 1 = 19$ |  | $x = 3$  | 6.  | $2x - 5 = 7$  |  | $x = 6$  |
| 7.  | $4x + 7 = 23$ |  | $x = 4$  | 8.  | $5x - 3 = 22$ |  | $x = 5$  |
| 9.  | $3x + 8 = 20$ |  | $x = 4$  | 10. | $7x - 2 = 33$ |  | $x = 5$  |
| 11. | $2x + 9 = 21$ |  | $x = 6$  | 12. | $x/2 + 3 = 5$ |  | $x = 4$  |
| 13. | $x/3 - 1 = 1$ |  | $x = 6$  | 14. | $x/4 + 2 = 4$ |  | $x = 8$  |
| 15. | $x/5 - 2 = 0$ |  | $x = 10$ | 16. | $x/2 + 4 = 7$ |  | $x = 6$  |
| 17. | $x/3 + 1 = 3$ |  | $x = 6$  | 18. | $x/4 - 1 = 0$ |  | $x = 4$  |
| 19. | $x/6 + 2 = 3$ |  | $x = 6$  | 20. | $x/5 + 1 = 3$ |  | $x = 10$ |

## MASTER QUESTIONS



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- M1. I think of a number, multiply it by 3, and then add 4. The result is 19. What is my number? | The number is 5

**M2.**

A gardener plants a row of flowers. The number of daffodils is 5 more than twice the number of tulips. If there are 17 daffodils, how many tulips are there?

There are 6 tulips