

# ONE STEP EQUATIONS

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

## MAIN QUESTIONS

---

1.

$$x + 5 = 12$$

3.

$$2x = 16$$

5.

$$x + 7 = 15$$

7.

$$3x = 27$$

9.

$$x + 12 = 20$$

11.

$$4x = 36$$

13.

$$x + 8 = 25$$

15.

$$5x = 45$$

17.

$$x + 13 = 30$$

19.

$$6x = 54$$

21.

$$x + 20 = 35$$

2.

$$x - 3 = 8$$

4.

$$x \div 4 = 3$$

6.

$$x - 9 = 4$$

8.

$$x \div 5 = 6$$

10.

$$x - 15 = 5$$

12.

$$x \div 7 = 4$$

14.

$$x - 11 = 9$$

16.

$$x \div 6 = 8$$

18.

$$x - 18 = 7$$

20.

$$x \div 9 = 5$$

22.

$$x - 22 = 10$$

23.

$$7x = 63$$

25.

$$x + 25 = 40$$

27.

$$8x = 72$$

29.

$$x + 35 = 50$$

31.

$$9x = 81$$

33.

$$x + 45 = 60$$

35.

$$10x = 100$$

37.

$$x + 55 = 70$$

39.

$$11x = 121$$

24.

$$x \div 8 = 7$$

26.

$$x - 30 = 15$$

28.

$$x \div 10 = 9$$

30.

$$x - 40 = 20$$

32.

$$x \div 11 = 10$$

34.

$$x - 50 = 25$$

36.

$$x \div 12 = 11$$

38.

$$x - 60 = 30$$

40.

$$x \div 13 = 12$$

## MASTER QUESTIONS



M1.

A number increased by 7 equals 15. Find the number.

M2.

A number decreased by 9 equals 4. Find the number.

M3.

Twice a number is 16. Find the number.

**M4.**

A number divided by 4 equals 3. Find the number.

**M5.**

A number multiplied by 3 equals 27. Find the number.

**M6.**

A number plus 12 equals 20. Find the number.

**M7.**

A number minus 15 equals 5. Find the number.

**M8.**

Four times a number is 36. Find the number.

**M9.**

A number divided by 7 equals 4. Find the number.

**M10.**

A number increased by 8 equals 25. Find the number.

**M11.**

A number decreased by 11 equals 9. Find the number.

**M12.**

Five times a number is 45. Find the number.