

ONE STEP EQUATIONS

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

MAIN QUESTIONS

1.

$$x + 5 = 12$$

$$\boxed{x = 7}$$

3.

$$2x = 16$$

$$\boxed{x = 8}$$

5.

$$x + 7 = 15$$

$$\boxed{x = 8}$$

7.

$$3x = 27$$

$$\boxed{x = 9}$$

9.

$$x + 12 = 20$$

$$\boxed{x = 8}$$

11.

$$4x = 36$$

$$\boxed{x = 9}$$

13.

$$x + 8 = 25$$

$$\boxed{x = 17}$$

2.

$$x - 3 = 8$$

$$\boxed{x = 11}$$

4.

$$x \div 4 = 3$$

$$\boxed{x = 12}$$

6.

$$x - 9 = 4$$

$$\boxed{x = 13}$$

8.

$$x \div 5 = 6$$

$$\boxed{x = 30}$$

10.

$$x - 15 = 5$$

$$\boxed{x = 20}$$

12.

$$x \div 7 = 4$$

$$\boxed{x = 28}$$

14.

$$x - 11 = 9$$

$$\boxed{x = 20}$$

15.

$$5x = 45$$

$$\boxed{x = 9}$$

17.

$$x + 13 = 30$$

$$\boxed{x = 17}$$

19.

$$6x = 54$$

$$\boxed{x = 9}$$

21.

$$x + 20 = 35$$

$$\boxed{x = 15}$$

23.

$$7x = 63$$

$$\boxed{x = 9}$$

25.

$$x + 25 = 40$$

$$\boxed{x = 15}$$

27.

$$8x = 72$$

$$\boxed{x = 9}$$

29.

$$x + 35 = 50$$

$$\boxed{x = 15}$$

31.

$$9x = 81$$

$$\boxed{x = 9}$$

16.

$$x \div 6 = 8$$

$$\boxed{x = 48}$$

18.

$$x - 18 = 7$$

$$\boxed{x = 25}$$

20.

$$x \div 9 = 5$$

$$\boxed{x = 45}$$

22.

$$x - 22 = 10$$

$$\boxed{x = 32}$$

24.

$$x \div 8 = 7$$

$$\boxed{x = 56}$$

26.

$$x - 30 = 15$$

$$\boxed{x = 45}$$

28.

$$x \div 10 = 9$$

$$\boxed{x = 90}$$

30.

$$x - 40 = 20$$

$$\boxed{x = 60}$$

32.

$$x \div 11 = 10$$

$$\boxed{x = 110}$$

33.

$$x + 45 = 60$$

$$| \quad x = 15$$

35.

$$10x = 100$$

$$| \quad x = 10$$

37.

$$x + 55 = 70$$

$$| \quad x = 15$$

39.

$$11x = 121$$

$$| \quad x = 11$$

34.

$$x - 50 = 25$$

$$| \quad x = 75$$

36.

$$x \div 12 = 11$$

$$| \quad x = 132$$

38.

$$x - 60 = 30$$

$$| \quad x = 90$$

40.

$$x \div 13 = 12$$

$$| \quad x = 156$$

MASTER QUESTIONS



M1.

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

$$| \quad \text{The number is } 8$$

M2.

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

$$| \quad \text{The number is } 13$$

M3.

Twice a number is 16. Find the number.

$$| \quad \text{The number is } 8$$

M4.

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

$$| \quad \text{The number is } 12$$

M5.

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

| The number is 9

M6.

A number plus 12 equals 20. Find the number.

| The number is 8

M7.

A number minus 15 equals 5. Find the number.

| The number is 20

M8.

Four times a number is 36. Find the number.

| The number is 9

M9.

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

| The number is 28

M10.

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

| The number is 17

M11.

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

| The number is 20

M12.

Five times a number is 45. Find the number.

| The number is 9