

Linear Equations Worksheet - 2

1. If $p = 4$, then $3p - 7 = 5$. Mark True / False.

a) True

b) False

2. If $m = 5$, then $4 + 3m = 20$. Mark True / False.

a) True

b) False

3. If $y = 9$, then $y - 6 = 2y - 15$. Mark True / False.

a) True

b) False

4. $2p - 3p = 5$ is not a linear equation. Mark True / False.

a) True

b) False

5. If $n = 12$, $5n - 24 = 3n$. Mark True / False.

a) True

b) False

6. If $\frac{y}{5} = 12$, then find the value of y .

a) 12

b) 5

c) 60

d) 72

7. If $\frac{10}{p} = 5$, then find the value of p .

a) 1

b) 3

c) 4

d) 2

8. $\frac{m}{2} - 5 = \frac{m}{4} + 7$. Find the value of m .

a) 12

b) 72

c) 48

d) None of these

9. In a linear equation LHS should be equal to RHS. Mark True / False.

a) True

b) False

10. If $n = 2$, then $2n - 5 = 7$. Mark True / False.

a) True

b) False

11. $7 + 5p = -8$, find the value of p .

a) 3

b) 4

c) 1

d) -3

12. $\frac{m}{4} = 0$, find the value of m .

a) 4

b) 0

c) 1

d) None of these

13. $y + \frac{3}{4} = \frac{7}{4}$. Find the value of y.

a) 5

b) $\frac{10}{4}$

c) 1

d) 3

14. $5(p - 2) + 3(p + 1) = 25$. Find the value of p.

a) 8

b) 6

c) 4

d) 2

15. Solve the below mentioned linear equation.

$$6(m - 8) = 72$$

a) 8

b) 20

c) 6

d) 4

16. Solve the below mentioned linear equation.

$$0.3p + 0.4 = 0.28p + 1.16$$

a) 28

b) 18

c) 38

d) 48

17. The sum of two consecutive whole numbers is 63. Find the smaller number.

a) 31

b) 21

c) 32

d) 41

18. The sum of two consecutive odd numbers is 56. Find the bigger number.

a) 27

b) 54

c) 29

d) 48

19. The length of a rectangle is three times of it's width. Perimeter of the rectangle is 80 m. Find the length.

a) 10 m

b) 30 m

c) 20 m

d) 40 m

20. If 10 is subtracted from four times of a number, then the result is 70. Find the number

a) 20

b) 30

c) 40

d) 50