

Linear Equation

Multiple choice questions

- 1) The value of x in $x + 3 = -1$ is
 - a) 4
 - b) -4
 - c) -1
 - d) -3

- 2) The value of t for the equation $\frac{t}{2} = -5$ is
 - a) 2
 - b) -5
 - c) 10
 - d) -10

- 3) What is the value of x in $15x = -1$?
 - a) -1
 - b) 15
 - c) $-\frac{1}{15}$
 - d) $\frac{1}{15}$

- 4) Which value of x satisfies $-7x = -35$?
 - a) 7
 - b) -35
 - c) -5
 - d) 5

- 5) What is the solution of x for the equation $9x + 14 = 10x - 14$?
 - a) 28
 - b) -28
 - c) 0
 - d) 1

6) If $\frac{2z}{5} = -10$, then z is

- a) 25
- b) -25
- c) -50
- d) 50

7) If $6p + 14 = p + 4$, then the value of p is

- a) 2
- b) -12
- c) -2
- d) 12

8) Which value of x does satisfy $\frac{x}{2} = \frac{5}{12}$?

- a) $\frac{2}{5}$
- b) $\frac{5}{2}$
- c) $\frac{6}{5}$
- d) $\frac{5}{6}$

9) If $2.5 + x = 2x + 1.5$, then $x = ?$

- a) 1
- b) -1
- c) 1.5
- d) 2.5

10) The value of y for $3(y + 15) = 2y - 10$ is

- a) 35
- b) -45
- c) -55
- d) 55