

LINEAR EQUATION IN ONE VARIABLE**THE TRANSPOSITION METHOD STEPS****EXERCISE**

Q.1 Solve : $0.16(5x - 2) = 0.4x + 7$

Q.2 Solve : $\frac{2}{5x} - \frac{5}{3x} = \frac{1}{15}$

Q.3 Solve : $\frac{17-3x}{5} - \frac{4x+2}{3} = 5 - 6x + \frac{7x+14}{3}$

Q.4 Solve : $\frac{x+2}{3} - \frac{x+1}{5} = \frac{x+3}{4} - 1$

Q.5 Solve : $(2x + 3)^2 + (2x - 3)^2 = (8x + 6)(x - 1) + 22$

Solve the following equations and check your results :

Q.6 $3x = 2x + 18$

Q.7 $5t - 3 = 3t - 5$

Q.8 $5x + 9 = 5 + 3x$

Q.9 $4z + 3 = 6 + 2z$

Q.10 $2x - 1 = 14 - x$

ANSWER KEY

1. 18.3

2. $x = -19$

3. $x = 4$

4. $x = 19$

5. $x = -1$

6. $x = 18$

7. $t = -1$

8. $X = -2$

9. $Z = \frac{3}{2}$

10. $x = 5$