

Algebra: Worksheet -7

I Check whether the given value is root of the given equation or not.

i) $x + 5 = 10, x = 5$

ii) $x - 4 = 9, x = 14$

iii) $x - 15 = -20, x = 15$

iv) $2x = 18, x = 9$

v) $5y = -30, y = -6$

vi) $2y + 1 = 11, y = 4$

vii) $3z + 12 = 8, z = \frac{4}{3}$

viii) $3z - 2 = 10, z = -\frac{4}{3}$

ix) $\frac{p}{2} = 8, p = 15$

x) $\frac{p}{3} = -4, p = -12$

xi) $\frac{t}{-3} = 5, t = -15$

xii) $\frac{-3t}{4} + 12 = 30, t = 20$

