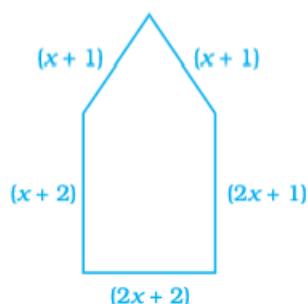


EduFest Academy Junior, Pune

8th Maths Linear Equation in One Variable

1. $0.4(3x - 1) = 0.5x + 1$
2. $8x - 7 - 3x = 6x - 2x - 3$
3. $\frac{1}{2}(x + 1) + \frac{1}{3}(x - 1) = \frac{5}{12}(x - 2)$
4. $10x - 5 - 7x = 5x + 15 - 8$
5. $4t - 3 - (3t + 1) = 5t - 4$
6. $\frac{2y-3}{4} - \frac{3y-5}{2} = y + \frac{3}{4}$
7. $5(x - 1) - 2(x + 8) = 0$
8. $0.25(4x - 5) = 0.75x + 8$
9. $4(3p + 2) - 5(6p - 1) = 2(p - 8) - 6(7p - 4)$
10. $3x - \frac{x-2}{3} = 4 - \frac{x-1}{4}$
11. $3(5x - 7) + 2(9x - 11) = 4(8x - 7) - 111$
12. $0.16(5x - 2) = 0.4x + 7$
13. $\frac{5(1-x) + 3(1+x)}{1-2x} = 8$
14. $1 - (x - 2) - [(x - 3) - (x - 1)] = 0$
15. $\frac{x}{2} - \frac{1}{4}(x - \frac{1}{3}) = \frac{1}{6}(x + 1) + \frac{1}{12}$
16. For what value of x is the perimeter of shape 77 cm?



17. For what value of x is the perimeter of shape 186 cm?

