ZiloAcademy

✨ Grade 10 Maths — Simultaneous Equations ✨

Name: Demo **Date:** 26/11/2026

1. Solve simultaneously by substitution: y = 3x+ 6 and 3x − 5y = 18 (format like x=4,y=-1)

2. Solve simultaneously: −5x + 6y = -57 and −x − 4y = 25 (format like x=4,y=-1)

3. Solve simultaneously: 4x − 5y = 21 and 4x − 4y = 24 (format like x=4,y=-1)

4. Solve simultaneously: x + y = -1 and x − y = -5 (format like x=4,y=-1)

5. Solve simultaneously: x + 5y = -19 and 4x + y = 19 (format like x=4,y=-1)

6. Solve simultaneously by substitution: y = −5x− 13 and 2x + 4y = 2 (format like x=4,y=-1)

7. Solve simultaneously by substitution: $y = 3x - 2$ and $4x - y = 0$ (format like x=4,y=-1)

8. Solve simultaneously: $-5x - y = -13$ and $3x + 6y = 51$ (format like x=4,y=-1)

9. Solve simultaneously: $-x - y = 11$ and $4x - 2y = -8$ (format like x=4,y=-1)

10. Solve simultaneously: $-2x - 5y = 8$ and $4x + 5y = 4$ (format like x=4,y=-1)