

Equations du 1er degré (drill)

Résous les équations suivantes.

1. $4x - 6 = -2x + 6$
2. $3x - 4 = -4x + 45$
3. $-2x - 4 = 5x + 17$
4. $2x - 8 = 3x - 14$
5. $2x + 8 = 3x + 11$
6. $-3(x - 9) = 2x + 12$
7. $4x - 1 = 5x + 3$
8. $-3(x - 4) = 5x + 76$
9. $2x + 1 = -x + 22$
10. $3x - 8 = -4x + 6$
11. $2x - 7 = 3x - 5$
12. $-2(x + 5) = x + 14$
13. $x + 9 = -5x + 9$
14. $-(x + 8) = -5x + 8$
15. $3(x - 4) = 4x - 16$
16. $-x - 2 = -2x + 6$
17. $2x + 8 = 3x + 17$
18. $2x + 1 = -2x - 3$
19. $-2(x - 5) = 5x + 80$
20. $2(x + 1) = 3x$
21. $2x - 2 = -4x - 56$
22. $2x - 6 = 3x - 5$
23. $3(x - 3) = -5x + 7$
24. $3(x + 1) = -x - 1$
25. $4(x - 10) = 2x - 52$
26. $-4(x - 2) = -2x + 8$
27. $5(x - 8) = 2x - 37$
28. $2x + 8 = -2x + 4$
29. $3(x - 5) = 4x - 7$
30. $2(x + 1) = 3x - 7$

Corrigé

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|--------------------|--------------------|--------------------|---------------------|--------------------|
| 1) $S = \{ 2 \}$ | 2) $S = \{ 7 \}$ | 3) $S = \{ -3 \}$ | 4) $S = \{ 6 \}$ | 5) $S = \{ -3 \}$ |
| 6) $S = \{ 3 \}$ | 7) $S = \{ -4 \}$ | 8) $S = \{ -8 \}$ | 9) $S = \{ 7 \}$ | 10) $S = \{ 2 \}$ |
| 11) $S = \{ -2 \}$ | 12) $S = \{ -8 \}$ | 13) $S = \{ 0 \}$ | 14) $S = \{ 4 \}$ | 15) $S = \{ 4 \}$ |
| 16) $S = \{ 8 \}$ | 17) $S = \{ -9 \}$ | 18) $S = \{ -1 \}$ | 19) $S = \{ -10 \}$ | 20) $S = \{ 6 \}$ |
| 21) $S = \{ -9 \}$ | 22) $S = \{ -1 \}$ | 23) $S = \{ 2 \}$ | 24) $S = \{ -1 \}$ | 25) $S = \{ -6 \}$ |
| 26) $S = \{ 0 \}$ | 27) $S = \{ 1 \}$ | 28) $S = \{ -1 \}$ | 29) $S = \{ -8 \}$ | 30) $S = \{ 9 \}$ |