



Solving 2-step equations

Mana Maths

Te reo Māori terms



whārite

equation

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whakaoti

solve

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mahi

operation

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taiapa

bracket

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Start Tasks



1. $2x + 3 = 11$

2. $3a - 4 = 14$

3. $\frac{b}{2} + 5 = 9$

4. $\frac{c}{3} - 1 = 4$

5. $4m + 1 = 21$

6. $5p - 6 = 19$

7. $\frac{q}{4} + 2 = 5$

8. $\frac{r}{5} - 3 = 1$

9. $6t + 7 = 31$

Start Tasks



$$10. 7u - 5 = 23$$

$$11. \frac{v}{6} + 4 = 7$$

$$12. \frac{w}{3} - 2 = 6$$

$$13. 2d + 9 = 17$$

$$14. 8e - 7 = 25$$

$$15. \frac{f}{7} + 1 = 3$$

$$16. \frac{g}{8} - 2 = 4$$

$$17. 9h + 2 = 56$$

$$18. 10k - 9 = 41$$

Start Tasks



19. $4x + 5 = 29$

20. $6y - 1 = 35$

21. $\frac{z}{3} + 6 = 10$

22. $\frac{a}{4} - 3 = 5$

23. $5b + 8 = 33$

24. $7c - 2 = 47$

25. $\frac{d}{5} + 3 = 7$

26. $\frac{e}{6} - 1 = 3$

27. $9f + 4 = 67$

Build Tasks



1. $3x + 5 = 26$

2. $5y - 7 = 18$

3. $\frac{p}{4} + 6 = 9$

4. $\frac{q}{5} - 2 = 7$

5. $2a - 9 = -1$

6. $6b + 4 = -14$

7. $7c - 3 = 46$

8. $\frac{d}{6} + 5 = 2$

9. $4e + 11 = 3$

Build Tasks



$$10. 9f - 8 = 1$$

$$11. 5 + 2g = 19$$

$$12. 28 = 4h - 8$$

$$13. \frac{j}{3} + 7 = 1$$

$$14. 18 = \frac{k}{2} - 3$$

$$15. 2n + 7 = 31$$

$$16. \frac{x}{4} + 3 = 10$$

$$17. 4t + 9 = 41$$

$$18. 6u - 5 = 25$$

Build Tasks



19. $\frac{v}{7} + 2 = 5$

20. $\frac{w}{3} - 4 = 2$

21. $5m + 6 = -9$

22. $8n - 3 = 37$

23. $3p + 14 = 5$

24. $7q - 11 = 24$

25. $-3r + 4 = 13$

26. $6s + 13 = -5$

27. $45 = 9t - 9$

Push Tasks



$$1. \frac{x-3}{4} = 5$$

$$2. \frac{2y+6}{3} = 8$$

$$3. \frac{p+5}{2} = -4$$

$$4. \frac{3q-9}{6} = 2$$

$$5. \frac{a-7}{5} = -1$$

$$6. \frac{4b+8}{2} = 18$$

$$7. \frac{c+11}{3} = 9$$

$$8. \frac{5d-10}{5} = -6$$

$$9. 3(m-2) = 21$$

Push Tasks



10. $4(n + 5) = 36$

11. $-2(r - 3) = 14$

12. $5 - 2s = -9$

13. $18 - 3t = 6$

14. $\frac{u + 1}{7} = 3$

15. $\frac{2v - 4}{4} = 5$

16. $\frac{w}{3} + 4 = 11$

17. $\frac{x}{2} - 5 = 8$

18. $3k + 1 = -11$

Push Tasks



$$19. \frac{2x + 14}{2} = 11$$

$$20. \frac{3y - 6}{3} = 7$$

$$21. 5(z - 7) = 15$$

$$22. -4(a + 3) = 28$$

$$23. 7b - 3b + 5 = 21$$

$$24. \frac{c - 4}{5} + 3 = 8$$

$$25. 2(3d + 4) = 26$$

$$26. 8p - 2p + 7 = 25$$

$$27. \frac{2x - 7}{3} = 5$$