



Solving Linear Equations

Solve these equations

Name :

Red: Start with me

1. $3x + 1 = 13$

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↓
=

2. $3x - 7 = 8$

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=

↓
=

3. $7x + 4 = 32$

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=

↓
=

4. $3 + 2x = 27$

↓
=

↓
=

5. $2x + 1 = 9$

↓
=

↓
=

6. $12x - 4 = 56$

↓
=

↓
=

7. $44 = 5m + 4$

↓
=

↓
=

8. $92 = 9r - 7$

↓
=

↓
=

9. $41 = 15c - 4$

↓
=

↓
=

10. $37 = 5m - 3$

↓
=

↓
=

11. $6f + 12 = 48$

↓
=

↓
=

12. $112 = 4 + 9f$

↓
=

↓
=

13. $\frac{x}{2} + 3 = 5$

↓
=

↓
=

14. $5 = \frac{h}{2} - 3$

↓
=

↓
=

15. $5x - 3 = 27$

↓
=

↓
=

16. $4x + 6 = 26$

↓
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↓
=

17. $10x - 3 = 57$

↓
=

↓
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18. $9 + 6x = 33$

↓
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↓
=

19. $2x - 9 = 17$

↓
=

↓
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20. $9t + 7 = 70$

↓
=

↓
=

21. $35 = 3t - 7$

↓
=

↓
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22. $59 = 11a + 4$

↓
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↓
=

23. $23 = 8f - 9$

↓
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↓
=

24. $5t + 13 = 78$

↓
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↓
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Orange: Now move onto me (*negatives*)

1. $2x + 8 = 2$

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↓
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2. $4r + 20 = 16$

↓
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↓
=

3. $10 = 7t + 80$

↓
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↓
=

4. $6 - 2x = 18$

↓
=

↓
=

5. $4 - 6g = 28$

↓
=

↓
=

6. $9 - 7j = 72$

↓
=

↓
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7. $10 = 3q + 13$

↓
=

↓
=

8. $9 - 2a = 17$

↓
=

↓
=

9. $e + 6 = 2$

5 ↓
=

↓
=

10. $-x - 3 = 4$

4 ↓
=

↓
=

11. $3x + 9 = 3$

↓
=

↓
=

12. $3 = 6p + 21$

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=

↓
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13. $2 = 3e + 17$

↓
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↓
=

14. $7 - 8y = 71$

↓
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↓
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Green: Try me if you dare! (*fractions*)

1. $3x + 8 = 12$

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↓
=

2. $23 = 4g - 7$

↓
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↓
=

3. $2x + 9 = 19$

↓
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↓
=

4. $8 = 4n + 5$

↓
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↓
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5. $2x + 6 = 2$

↓
=

↓
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6. $4f + 6 = 23$

↓
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↓
=

7. $6y + 7 = 21$

↓
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↓
=

8. $8 + 9r = 23$

↓
=

↓
=

9. $3f + 9 = 23$

↓
=

↓
=

10. $14 = 7 + 3g$

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↓
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11. $4r + 7 = 3$

↓
=

↓
=

12. $7 = 9 - 3c$

↓
=

↓
=



