

Ford and Lord International Pty Ltd

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Use the null factor law to solve these equations

Instructions: Separate values of x by comma (,) in your answers

1 $(x + 8)(x - 4) = 0$

x =

2 $\frac{x}{9}(x + \frac{9}{10}) = 0$

x =

3 $x(x + 9) = 0$

x =

4 $(x + 4)(x - 7) = 0$

x =

5 $\frac{x}{1}(x + \frac{1}{5}) = 0$

x =

6 $(x + \frac{5}{6})(x - \frac{5}{6}) = 0$

x =

7 $(x + 7)(x - 10) = 0$

x =

8 $\frac{4x}{7}(x + 7) = 0$

x =

9 $\frac{x}{8}(x + \frac{8}{10}) = 0$

x =

10 $(x + 3)(x - 5) = 0$

x =

11 $\frac{x}{10}(x + \frac{4}{10}) = 0$

x =

12 $(x + 9)(x - 8) = 0$

x =

13 $x(x - 7) = 0$

x =

14 $x(x - 9) = 0$

x =

15 $(x + \frac{8}{9})(x - \frac{8}{9}) = 0$

x =

16 $(x + \frac{4}{8})(x - \frac{4}{8}) = 0$

x =

17 $6x(x + 1) = 0$

x =

18 $(x + \frac{2}{10})(x - \frac{2}{10}) = 0$

x =

19 $\frac{1x}{6}(x + 7) = 0$

x =

20 $x(x + 2) = 0$

x =

21 $3x(x - \frac{8}{10}) = 0$

x =

22 $(x + 4)(x - 1) = 0$

x =

23 $\frac{x}{2}(x + \frac{2}{6}) = 0$

x =

24 $x(x + 8) = 0$

x =

25 $3x(x + 5) = 0$

x =

26 $(x - 3)(x + 5) = 0$














x =

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- | | | | | | | | |
|----|--|---|----------------|----|--|---|----------------|
| 1 | $(x + 8)(x - 4) = 0$ |  | $x = -8,4$ | 2 | $\frac{x}{9}(x + \frac{9}{10}) = 0$ |  | $x = -9/10,0$ |
| 3 | $x(x + 9) = 0$ |  | $x = -9,0$ | 4 | $(x + 4)(x - 7) = 0$ |  | $x = -4,7$ |
| 5 | $\frac{x}{1}(x + \frac{1}{5}) = 0$ |  | $x = -1/5,0$ | 6 | $(x + \frac{5}{6})(x - \frac{5}{6}) = 0$ |  | $x = -5/6,5/6$ |
| 7 | $(x + 7)(x - 10) = 0$ |  | $x = -7,10$ | 8 | $\frac{4x}{7}(x + 7) = 0$ |  | $x = -7,0$ |
| 9 | $\frac{x}{8}(x + \frac{8}{10}) = 0$ |  | $x = -4/5,0$ | 10 | $(x + 3)(x - 5) = 0$ |  | $x = -3,5$ |
| 11 | $\frac{x}{10}(x + \frac{4}{10}) = 0$ |  | $x = -2/5,0$ | 12 | $(x + 9)(x - 8) = 0$ |  | $x = -9,8$ |
| 13 | $x(x - 7) = 0$ |  | $x = 0,7$ | 14 | $x(x - 9) = 0$ |  | $x = 0,9$ |
| 15 | $(x + \frac{8}{9})(x - \frac{8}{9}) = 0$ |  | $x = -8/9,8/9$ | 16 | $(x + \frac{4}{8})(x - \frac{4}{8}) = 0$ |  | $x = -1/2,1/2$ |
| 17 | $6x(x + 1) = 0$ |  | $x = -1,0$ | 18 | $(x + \frac{2}{10})(x - \frac{2}{10}) = 0$ |  | $x = -1/5,1/5$ |
| 19 | $\frac{1x}{6}(x + 7) = 0$ |  | $x = -7,0$ | 20 | $x(x + 2) = 0$ |  | $x = -2,0$ |
| 21 | $3x(x - \frac{8}{10}) = 0$ |  | $x = 0,4/5$ | 22 | $(x + 4)(x - 1) = 0$ |  | $x = -4,1$ |
| 23 | $\frac{x}{2}(x + \frac{2}{6}) = 0$ |  | $x = -1/3,0$ | 24 | $x(x + 8) = 0$ |  | $x = -8,0$ |
| 25 | $3x(x + 5) = 0$ |  | $x = -5,0$ | 26 | $(x - 3)(x + 5) = 0$ |  | $x = -5,3$ |

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1 $\frac{x(x + \frac{3}{3})}{3} = 0$

x =

2 $\frac{x(x + \frac{1}{9})}{9} = 0$

x =

3 $(x - 7)(x + 4) = 0$

x =

4 $8x(x + 4) = 0$

x =

5 $5x(x + 5) = 0$

x =

6 $(x + \frac{4}{8})(x - \frac{4}{8}) = 0$

x =

7 $(x - 5)(x + 2) = 0$

x =

8 $\frac{3x(x + 5)}{5} = 0$

x =

9 $\frac{7x(x + 4)}{10} = 0$

x =

10 $2x(x + 6) = 0$

x =

11 $(x + 9)(x - 8) = 0$

x =

12 $(x + 2)(x - 4) = 0$

x =

13 $4x(x - \frac{1}{4}) = 0$

x =

14 $6x(x - \frac{1}{7}) = 0$

x =

15 $(x + \frac{3}{5})(x - \frac{3}{5}) = 0$

x =

16 $(x + \frac{8}{10})(x - \frac{8}{10}) = 0$

x =

17 $x(x - 10) = 0$

x =

18 $(x + 4)(x - 7) = 0$

x =

19 $\frac{x(x + \frac{5}{6})}{6} = 0$

x =

20 $x(x - 8) = 0$

x =

21 $x(x + 5) = 0$

x =

22 $\frac{9x(x + 8)}{9} = 0$

x =

23 $9x(x - \frac{2}{5}) = 0$

x =

24 $\frac{5x(x + 10)}{9} = 0$

x =

25 $(x + 2)(x - 10) = 0$

x =

26 $\frac{x(x + \frac{4}{6})}{4} = 0$

x =

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- | | | | | | | | |
|----|--|---|----------------|----|--|---|----------------|
| 1 | $\frac{x(x + \frac{3}{3})}{3} = 0$ | ✓ | $x = -1,0$ | 2 | $\frac{x(x + \frac{1}{9})}{9} = 0$ | ✓ | $x = -1/9,0$ |
| 3 | $(x - 7)(x + 4) = 0$ | ✓ | $x = -4,7$ | 4 | $8x(x + 4) = 0$ | ✓ | $x = -4,0$ |
| 5 | $5x(x + 5) = 0$ | ✓ | $x = -5,0$ | 6 | $(x + \frac{4}{8})(x - \frac{4}{8}) = 0$ | ✓ | $x = -1/2,1/2$ |
| 7 | $(x - 5)(x + 2) = 0$ | ✓ | $x = -2,5$ | 8 | $\frac{3x(x + 5)}{5} = 0$ | ✓ | $x = -5,0$ |
| 9 | $\frac{7x(x + 4)}{10} = 0$ | ✓ | $x = -4,0$ | 10 | $2x(x + 6) = 0$ | ✓ | $x = -6,0$ |
| 11 | $(x + 9)(x - 8) = 0$ | ✓ | $x = -9,8$ | 12 | $(x + 2)(x - 4) = 0$ | ✓ | $x = -2,4$ |
| 13 | $4x(x - \frac{1}{4}) = 0$ | ✓ | $x = 0,1/4$ | 14 | $6x(x - \frac{1}{7}) = 0$ | ✓ | $x = 0,1/7$ |
| 15 | $(x + \frac{3}{5})(x - \frac{3}{5}) = 0$ | ✓ | $x = -3/5,3/5$ | 16 | $(x + \frac{8}{10})(x - \frac{8}{10}) = 0$ | ✓ | $x = -4/5,4/5$ |
| 17 | $x(x - 10) = 0$ | ✓ | $x = 0,10$ | 18 | $(x + 4)(x - 7) = 0$ | ✓ | $x = -4,7$ |
| 19 | $\frac{x(x + \frac{5}{6})}{6} = 0$ | ✓ | $x = -5/6,0$ | 20 | $x(x - 8) = 0$ | ✓ | $x = 0,8$ |
| 21 | $x(x + 5) = 0$ | ✓ | $x = -5,0$ | 22 | $\frac{9x(x + 8)}{9} = 0$ | ✓ | $x = -8,0$ |
| 23 | $9x(x - \frac{2}{5}) = 0$ | ✓ | $x = 0,2/5$ | 24 | $\frac{5x(x + 10)}{9} = 0$ | ✓ | $x = -10,0$ |
| 25 | $(x + 2)(x - 10) = 0$ | ✓ | $x = -2,10$ | 26 | $\frac{x(x + \frac{4}{6})}{4} = 0$ | ✓ | $x = -2/3,0$ |