

Solving Equations

Math 1 Alternating

Solve for x

1. $5(-5x + 4) = -105$

2. $-5(3x + 4) = 70$

3. $60 = -5(4x + 4)$

4. $52 = 4(-3x + 4)$

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6. $2(-2x + 4) = -16$

7. $-4(2x + 3) = -28$

8. $5(-5x + 3) = 65$

9. $-108 = 4(5x - 2)$

10. $2(2x + 4) = -16$

Solve for x

1. $\frac{3}{4}(x+8)=12$

2. $\frac{2}{5}(x+10)=2$

3. $\frac{3}{2}(x+2)=12$

4. $\frac{5}{6}(x+6)=10$

5. $\frac{3}{5}(x+5)=12$

6. $\frac{2}{3}(x+6)=12$

Solve for x

1. $-2 + 2x - 3x = 4$

2. $-x - 2(-4x - 4) = 38$

3. $-2x - 3x - 11 = 14$

4. $3x + 2(-2x + 3) = -3$

5. $2x + 3x - 19 = 11$

6. $-5x + 7(x - 4) = -16$

7. $x - 5 - 3x = 5$

8. $6x + 4(-3x + 2) = -46$

9. $2x - 3x - 5 = 2$

10. $-7x - 4(-3x - 4) = 46$

Solve for x

1. $-6x - 7(-2x + 4) = 28$

2. $-2 + 2x - 3x = 4$

3. $-4x + 6(x + 2) = 30$

4. $-2x - 3x - 11 = 14$

5. $-2x - 3(-4x + 2) = 44$

6. $2x + 3x - 19 = 11$

7. $-3x + 2(4x + 3) = 31$

8. $x - 5 - 3x = 5$

9. $5x + 6(-x - 3) = -30$

10. $2x - 3x - 5 = 2$