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| 1 Solve the equation.  -18 – 6x = 6(1 + 3x)  a) x = 0 ; go to problem 3  b) x = -1 ; go to problem 4  c) x = 1 ; go to problem 7  d) x = -2 ; go to problem 10 | 2 Solve the equation.  -(1 + 7x) – 6(-7 – x) = 36  a) x = 5 ; go to problem 10  b) x = -7 ; go to problem 7  c) x = 13 ; go to problem 1  d) x = -5/6 ; go to problem 12 |
| 3 Solve the equation.  -3(4x + 3) + 4(6x + 1) = 43  a) x = 6 ; go to problem 11  b) x = -6 ; go to problem 6  c) x = 4 ; go to problem 9  d) x = -4 ; go to problem 5 | 4 Solve the equation.  4x + 7 – 6x = 5 – 4x + 4  a) x = 1 ; go to problem 7  b) x = -8/3 ; go to problem 3  c) x = -1 ; go to problem 12  d) x = 4 ; go to problem 8 |
| 5 Solve the equation.  3x - 2(x + 3) = x - 5  a) x = 0 ; go to problem 6  b) x = 6 ; go to problem 2  c) x = -6 ; go to problem 1  d) No solution; go to problem 3 | 6 Solve the equation.  -4x + 2(5x – 6) = -3x – 39  a) x = -9 ; go to problem 3  b) x = 9 ; go to problem 10  c) x = -3 ; go to problem 11  d) x = 3 ; go to problem 8 |
| 7 Solve the equation.  2(3x – 4) = 3x + 1  a) x = 1 ; go to problem 4  b) x = -7/3 ; go to problem 5  c) x = -1 ; go to problem 1  d) x = 3 ; go to problem 12 | 8 Solve the equation.  5 + 4x – 7 = 4x – 2 – x  a) x = 0 ; go to problem 5  b) x = -3 ; go to problem 10  c) No Solution; go to problem 7  d) All Real numbers; go to problem 2 |
| 9 Solve the equation.  5x - 12 + 9x= -2(6 – 7x)  a) x = 1 ; go to problem 7  b) x = -1 ; go to problem 3  c) x = 4 ; go to problem 6  d) All Real numbers; go to problem 1 | 10 Solve the equation.  -(7 – 4x) = 9  a) x = 4 ; go to problem 6  b) x = -4; go to problem 3  c) x = 1/2; go to problem 12  d) x = -1/2 ; go to problem 9 |
| 11 Solve the equation.    a) x = 4.5 ; go to problem 9  b) x = -16; go to problem 8  c) x = -2 ; go to problem 1  d) No Solution ; go to problem 3 | 12 Solve the equation.    a) x = 9 ; go to problem 4  b) x = -10 ; go to problem 5  c) x = 0 ; go to problem 11  d) x = 8 ; go to problem 2 |