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| **1.****Solve and check the linear equation.**5x - 5 = 30A) {30}B) {34}C) {11}D) {7}**2.****Solve and check the linear equation.**9x - (7x - 1) = 2A) B) C) D) **3.****Solve and check the linear equation.**7x - 9 = -10 + 4xA) B) C) D) **4.****Solve and check the linear equation.**(-5x + 4) - 5 = -4(x - 7)A) {19}B) {- 6}C) {29}D) {- 29}**5.****Solve and check the linear equation.**-3x + 5 + 6(x + 1) = -2x + 3A)  B)  C) D)  **6.****Solve and check the linear equation.**6[-6x + 6 + 4(x + 1)] = 6x + 2A)  B) C)  D)  **7.****Solve and check the linear equation.**32 - 2(11 - 8)2 = 36xA) B) {4}C) D) {0}**8.****Solve and check the linear equation.**0.30(80) + 0.60x = 0.40(80 + x)A) {20}B) {30}C) {50}D) {40}**9.****Solve and check the linear equation.**0.40x - 0.20(50 + x) = -0.04(50)A) {50}B) {30}C) {40}D) {20}**10.****Solve the formula for the specified variable.**F = C + 32for CA) C = (F - 32)B) C = C) C = D) C = (F - 32)**11.****Solve the formula for the specified variable.**A = h(a + b)for aA) a = B) a = C) a = D) a = **12.****Solve the formula for the specified variable.**d = rtfor rA) r = dtB) r = d - tC) r = D) r = **13.****Solve the equation by factoring.**x2 = x + 6A) {-2, -3}B) {1, 6}C) {-2, 3}D) {2, 3}**14.****Solve the equation by factoring.**x2 + 2x - 120 = 0A) {12, 10}B) {12, -10}C) {-12, 10}D) {-12, 1}**15.****Solve the equation by factoring.**15x2 + 26x + 8 = 0A) B) C) D) **16.****Solve the equation by factoring.**2x2 - 15x = 8A) {-2, 8}B) C) D) **17.****Solve the equation by factoring.**11x2 - 9x = 0A) B) C) {0}D) **18.****Solve the equation by factoring.**3x(x - 5) = 7x2 - 16xA) B) {0}C) {0, 4}D) **19.****Solve the equation by factoring.**7 - 7x = (4x + 9)(x - 1)A) B) {-4, 1}C) D) {-1, **4**}**20.****Solve the equation by factoring.**-6x - 2 = (3x + 1)2A) B) C) D)  |