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|-----|---|-----------|-----|---|--------------|
| 1) | $3x + 7 = 2x - 15$ | $x = -22$ | 24) | $\frac{x}{4} + 5 - \frac{2x}{5} = \frac{3x}{10}$ | $x = 100/9$ |
| 2) | $4 = 2x - 6$ | $x = 5$ | 25) | $2x + 3 = \frac{3}{5} - \frac{x-4}{2}$ | $x = -4/25$ |
| 3) | $5x + 3 - 2x = 4x + 5$ | $x = -2$ | 26) | $-\frac{2}{3} + \frac{x}{5} = \frac{1}{2} + \frac{3x}{4}$ | $x = -70/33$ |
| 4) | $2x - 4 = 4 - 6x$ | $x = 1$ | 27) | $\frac{4x+3}{12} - \frac{3}{9} = 5x + 2 - \frac{3x}{6}$ | $x = -1/2$ |
| 5) | $x + 4 + 4x = 12 - 3x + 4x$ | $x = 2$ | 28) | $3x - 12 = \frac{x}{2} - 2$ | $x = 4$ |
| 6) | $-4x - 6 = 8 + 3x$ | $x = -2$ | 29) | $\frac{x}{16} + \frac{2-x}{4} = \frac{2x}{8} - 5\frac{1}{4}$ | $x = 4$ |
| 7) | $-7 - 3x = 5x + 17$ | $x = -3$ | 30) | $\frac{x-1}{2} + \frac{x+7}{10} = 2 - \frac{x-3}{5}$ | $x = 3$ |
| 8) | $-2x + 9 = 3x - 51$ | $x = 12$ | 31) | $\frac{x}{2} + 5 - 3x = \frac{28-6x}{4}$ | $x = -2$ |
| 9) | $-5x + 6 = -4 - 7x$ | $x = -5$ | 32) | $2x - 5 = \frac{3x+2}{4}$ | $x = 22/5$ |
| 10) | $-3x = 2x + 4x - x$ (ojo) | $x = 0$ | 33) | $x - \frac{1+3x}{2} = 4 + \frac{x-2}{3}$ | $x = -23/5$ |
| 11) | $\frac{2x}{5} + \frac{3}{2} = \frac{x}{2} + \frac{3}{6}$ | $x = 10$ | 34) | $\frac{x}{5} - \frac{x+1}{2} = \frac{3}{10} + \frac{2x-3}{2}$ | $x = 7/13$ |
| 12) | $\frac{x}{5} - \frac{4}{5} = \frac{4}{3} - \frac{x}{15}$ | $x = 8$ | 35) | $\frac{x-5}{3} - \frac{2x-3}{12} = \frac{5-x}{4} - \frac{x}{3}$ | $x = 32/9$ |
| 13) | $\frac{4x}{3} + 3 = x - 6$ | $x = -27$ | 36) | $3(x+1) = 15$ | $x = 4$ |
| 14) | $\frac{3x}{2} + \frac{1}{3} = -9 - \frac{x}{18}$ | $x = -6$ | 37) | $-(x+2) = 3$ | $x = -5$ |
| 15) | $\frac{3x}{4} + 2 = \frac{5x}{8} + 4$ | $x = 16$ | 38) | $2[x + 3(x+1)] = 24$ | $x = 2$ |
| 16) | $\frac{2x}{5} - \frac{4x}{15} + \frac{1}{3} = \frac{6x}{5} - \frac{43}{15}$ | $x = 3$ | 39) | $4(x-3) - (x+1) = 2(x-3)$ | $x = 7$ |
| 17) | $\frac{3x}{5} + \frac{2x}{6} = \frac{x}{3} + x + 2$ | $x = -5$ | 40) | $3x + 5(x-2) = 8$ | $x = 9/4$ |
| 18) | $\frac{5x}{4} - \frac{4}{3} = -\frac{x}{9} + 15$ | $x = 12$ | 41) | $5(x-3) - 4(x-1) = 2x - 3(x+2)$ | $x = 5/2$ |
| 19) | $\frac{2x-1}{3} = \frac{3x-5}{6}$ | $x = -3$ | 42) | $-5(2-x) + 3(2x+4) = (4x-2)5$ | $x = -2$ |
| 20) | $\frac{x+3}{5} - \frac{2x}{3} = \frac{1-3x}{5}$ | $x = -3$ | 43) | $(2x+5)2 - 2x = 4(x+2)$ | $x = 1$ |
| 21) | $\frac{x+4}{2} - \frac{2}{4} - \frac{2x}{8} = \frac{x+6}{12} - \frac{x}{6}$ | $x = -3$ | 44) | $5 - [3 - 2(4-x)] = 2(4x+4)$ | $x = 1/5$ |
| 22) | $\frac{x}{3} + 3 = \frac{x-10}{9} - \frac{1}{3}$ | $x = -20$ | 45) | $3x + 5(12-x) = -3x + 4 - 2(7-3x)$ | $x = 14$ |
| 23) | $-\frac{2x}{3} + 6 = \frac{x-3}{2} - 3$ | $x = 9$ | 46) | $-2 + 5[-6x + 3(5-x)] = 20 - (x+1)$ | $x = 2$ |