Three-Step Equations Homework

Solve. SHOW ALL WORK!

① $2x + 3x - 4 = 5$ $\boxed{x = 9/5}$

② $4 = 8 - 3y + 9y$ $\boxed{y = -2/3}$

③ $\frac{z}{2} - \frac{3z}{8} - 1 = 5$ $\boxed{z = 48}$

④ $-7x + x - 8 = -3$ $\boxed{x = -5/6}$

⑤ $-4 = -\frac{y}{2} + \frac{3y}{4} + 5$ $\boxed{y = -36}$

⑥ $5 - 18z - 5z = 9$ $\boxed{z = -4/23}$

⑦ $3 = 10 + 4a + 2a$ $\boxed{a = -7/6}$

⑧ $5b - 2b - 4 = -7$ $\boxed{b = -1}$

⑨ $-6 = \frac{3c}{5} - \frac{7c}{8} - 2$ $\boxed{c = 160/11}$

⑩ $-6x + 5x + 7 = -1$ $\boxed{x = 8}$

⑪ $8y - 9y - 4 = -2$ $\boxed{y = -2}$

⑫ $-1 + \frac{3z}{4} - \frac{z}{6} = 4$ $\boxed{z = \frac{60}{7}}$

⑬ $2a - 7a + 7 = 7$ $\boxed{a = 0}$

⑭ $-19 = 11b - 7b - 9$ $\boxed{b = -5/2}$

⑮ $-9y + 5y + 4 = -7$ $\boxed{y = \frac{11}{4}}$

⑯ $-2 + \frac{5z}{6} - \frac{2z}{9} = -7$ $\boxed{z = -90/11}$

⑰ $8 = -z - z - 2$ $\boxed{z = -5}$

⑱ $17x - 11x - 10 = -14$ $\boxed{x = -\frac{2}{3}}$

⑲ $-3y - y - 1 = -5$ $\boxed{y = 1}$

⑳ $\frac{z}{6} + 2z + 4 = 7$ $\boxed{z = \frac{18}{13}}$