Solve the Equations

Give your answers as fractions or mixed numbers.

$$\frac{2x+1}{3} = \frac{x+3}{10}$$

$$\frac{2}{2p+1} = \frac{3}{4p+3}$$

$$\frac{1}{p+2} = \frac{4}{3p-1}$$

$$\frac{2}{5n+1} = \frac{3}{3n+2}$$

$$\frac{y+1}{3} = \frac{2y+3}{5}$$

$$\frac{10}{9c+2} = \frac{3}{4c+2}$$

$$\frac{2k+1}{7} = \frac{3k+4}{5}$$

$$\frac{5}{5k+1} = \frac{9}{10k+2}$$

Solve the Equations

Give your answers as fractions or mixed numbers.

$$\frac{2x+1}{3} = \frac{x+3}{10}$$

$$x = -\frac{11}{17}$$

$$\frac{1}{p+2} = \frac{4}{3p-1}$$

$$p = -9$$

$$\frac{y+1}{3} = \frac{2y+3}{5}$$

$$y = -4$$

$$\frac{2k+1}{7} = \frac{3k+4}{5}$$

$$k = -1\frac{7}{11}$$

$$\frac{2}{2p+1} = \frac{3}{4p+3}$$

$$p = -1\frac{1}{2}$$

$$\frac{2}{5n+1} = \frac{3}{3n+2}$$

$$n = \frac{1}{9}$$

$$\frac{10}{9c+2} = \frac{3}{4c+2}$$

$$c = -1\frac{1}{13}$$

$$\frac{5}{5k+1} = \frac{9}{10k+2}$$

$$k = -\frac{1}{5}$$