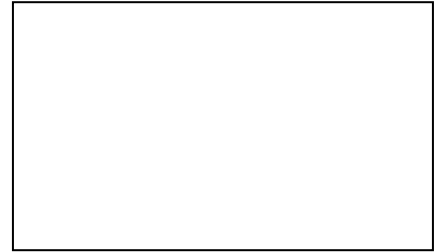


There's more to solving with Rationals**Solve for the variable. Check for extraneous solutions in the box.**

a)
$$\frac{2x}{x+1} - \frac{5}{2x} = 2$$



b)
$$\frac{t}{t+1} + \frac{3}{t-3} = \frac{7t-9}{(t+1)(t-3)}$$

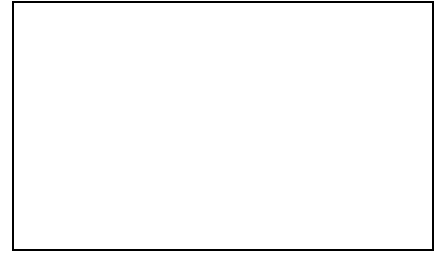


c.
$$\frac{1}{x} + \frac{3x+4}{2x} = -\frac{1}{2}$$

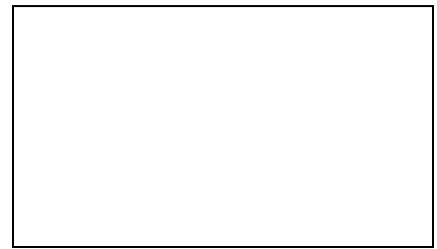


Solve for the variable. Check for extraneous solutions in the box.

1.
$$\frac{6}{t} - \frac{2}{t-1} = 1$$



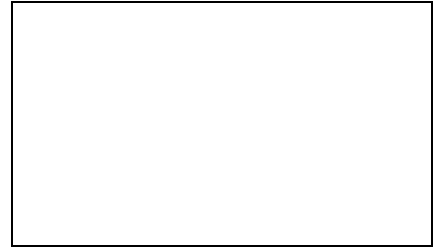
2.
$$\frac{x+3}{5} - \frac{5}{x-3} = 6$$



3.
$$\frac{1}{x} + \frac{x-2}{x^2} = \frac{x-5}{x^2}$$



4.
$$\frac{1}{3x^2} = \frac{x-3}{x^2} + \frac{4}{3x^2}$$



5.
$$\frac{x-1}{x} + \frac{9}{4x} = 6$$



6.
$$\frac{4}{3} - \frac{1}{n} = \frac{4}{3n}$$

