8.2B Solving Fractional Quadratic Equations WS1

Solve each proportion.

1) $\dfrac{3}{x+2} = \dfrac{x}{5}$

2) $\dfrac{n+2}{3} = \dfrac{8}{n}$

3) $\dfrac{n+2}{2} = \dfrac{1}{x+3}$

4) $\dfrac{k+7}{9} = \dfrac{k+9}{7}$

5) $\dfrac{3}{m+4} = \dfrac{m+4}{3}$

6) $\dfrac{n-1}{4} = \dfrac{12}{n+1}$

7) $\dfrac{v-2}{4} = \dfrac{3}{v+2}$

8) $\dfrac{3n+4}{3} = \dfrac{3}{3n-4}$

9) $\dfrac{5m+2}{8} = \dfrac{4}{5m-2}$