

Quiz 128

Solve. Check for extraneous solutions.

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

2.
$$\frac{2}{x+4} = \frac{3}{x+5}$$

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

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

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