Solve each equation.

1. $\frac{1}{z^2} = \frac{1}{49}$ z=

2. $\frac{1}{g} = \frac{8}{10g} + 7$ g=

3. $\frac{1}{h} = \frac{5}{4h} - 12$ h=

4. $\frac{1}{y} + \frac{5y-10}{y^2-6y} = \frac{12y+24}{y^2-6y}$ y=

5. $\frac{x+5}{4x^2} + \frac{3}{2x^2} = \frac{x-7}{2x^2}$ x=