

Math January 18, 2017 H4

Do 1.5 # 1-19 odds, 31-59 odds

Simplify:

1. $\frac{12}{32}$

2. $\frac{x^2+x-6}{x^2-9}$

3. $\frac{2}{x^2-x-6} \div \frac{6x}{x^2-4}$

4. $\frac{2}{5} + \frac{7}{2}$

5. $\frac{3x+7}{x^2-25} + \frac{2x^2+7}{x^2-25}$

6. $\frac{2}{x+7} + \frac{3x}{x-7}$

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