

1. Find the LCD of $\frac{3x}{2x^2-10x}$ and $\frac{x+4}{x^2-25}$.

2. Find the LCD of $\frac{13}{x^2+7x}$, $\frac{-3}{5x+35}$, and $\frac{-4}{x^2+14x+49}$.

3. Rewrite the following rational expression with the indicated denominator.

$$\frac{-7x}{6x+18} = \frac{?}{24x+72}$$

4. Subtract. Write each answer in lowest terms.

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

5. Add. Write each answer in lowest terms.

$$\frac{x}{x^2+3x-4} + \frac{4x}{x^2+7x+12}$$

Q: When can you add two to eleven and get one as the correct answer?