

Homework

p. 586: 3-15 (odds)

LIKE DENOMINATORS Perform the indicated operation and simplify.

3. $\frac{15}{4x} + \frac{5}{4x}$ 5. $\frac{9}{x+1} - \frac{2x}{x+1}$ 7. $\frac{5x}{x+3} + \frac{15}{x+3}$

FINDING LCMS Find the least common multiple of the polynomials.

9. $3x$ and $3(x - 2)$ 11. $2x$ and $2x(x - 5)$

13. $x^2 - 25$, x , and $x - 5$

15. **★ MULTIPLE CHOICE** What is the least common multiple of the polynomials $3x^2 - 9x$ and $6x^2$?

(A) $3x(x - 3)$

(B) $6x^2$

(C) $6x(x - 3)$

(D) $6x^2(x - 3)$