

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Simplifying Rational Expressions

A. Reduce each expression to its lowest term.

1. $\frac{3x}{6x^2}$

6. $\frac{5x(2x+1)}{7x(8x+4)}$

2. $\frac{15a^3b^3}{20a^4b^4}$

7. $\frac{3p-4q}{4q-3p}$

3. $\frac{15a^3b^3}{20a^4b^4}$

8. $\frac{9x^3-9}{x-1}$

4. $\frac{4x-24}{x^4-36}$

9. $\frac{8x^3+24x}{20x^2+12}$

5. $\frac{b^2-8b+16}{a^2-16}$

10. $\frac{5x^3-20}{6x+12}$