

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Simplifying Rational Expressions

Simplify each expression.

1)  $\frac{20d^4}{70d^2}$

6)  $\frac{6r - 36}{r - 6}$

2)  $\frac{27h^2}{36h^4}$

7)  $\frac{s + 8}{2s + 16}$

3)  $\frac{24c^3}{36c^4}$

8)  $\frac{n + 3}{n^2 + 4n + 3}$

4)  $\frac{24}{3x - 24}$

9)  $\frac{z^2 - 8z + 15}{z - 5}$

5)  $\frac{4p + 36}{20}$

10)  $\frac{g^2 - 2g - 24}{g^2 - g - 20}$

