

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

## Simplifying Expressions

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Simplify each expression.

1)  $\frac{y^2 + 4y - 21}{y - 3} - \frac{y^2 - y - 20}{y + 4}$

2)  $\frac{q - 4}{2q} + \frac{5q - 2}{5q}$

3)  $\frac{3k}{5 - k} - \frac{9}{k - 7}$

$\frac{4}{z^2 + 6z + 9}$

5)  $\frac{2}{a + 6} - \frac{3}{a - 1}$

$\frac{1}{25}$

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7)  $\frac{p}{p^2 + p - 6} + \frac{3}{p - 2}$

8)  $\frac{m - 3}{m + 3} - \frac{m + 3}{m - 3}$