

## Simplifying Square Roots

1 Simplify.  $\sqrt{50}$

2 Simplify.  $\sqrt{99}$

3 Simplify.  $\sqrt{48}$

4 Simplify.  $\sqrt{75}$

5 Simplify.  $\sqrt[3]{40}$

6 Simplify.  $\sqrt[4]{32}$

7 Rationalize the denominator.  
 $\frac{1}{\sqrt{3}}$

8 Rationalize the denominator.  
 $\frac{3}{5\sqrt{2}}$