

## Dividing and Square Roots

**Simplify.**

1)  $\frac{\sqrt{3}}{\sqrt{48}}$

2)  $\frac{\sqrt{12}}{\sqrt{4}}$

3)  $\frac{\sqrt{20}}{\sqrt{5}}$

4)  $\frac{\sqrt{8}}{\sqrt{100}}$

5)  $\frac{\sqrt{15}}{\sqrt{125}}$

6)  $\frac{\sqrt{6}}{\sqrt{8}}$

7)  $\frac{4\sqrt{6}}{3\sqrt{8}}$

8)  $\frac{2\sqrt{3}}{4\sqrt{27}}$

9)  $\frac{2\sqrt{3}}{2\sqrt{12}}$

10)  $\frac{4\sqrt{6}}{4\sqrt{27}}$

11)  $\frac{3\sqrt{20}}{4\sqrt{16}}$

12)  $\frac{3\sqrt{20}}{3\sqrt{36}}$

$$13) \frac{\sqrt{25}}{\sqrt{15}}$$

$$14) \frac{\sqrt{5}}{\sqrt{15}}$$

$$15) \frac{\sqrt{10}}{\sqrt{6}}$$

$$16) \frac{\sqrt{15}}{\sqrt{6}}$$

$$17) \frac{\sqrt{8}}{\sqrt{6}}$$

$$18) \frac{\sqrt{6}}{\sqrt{15}}$$

$$19) \frac{3\sqrt{3}}{\sqrt{5}}$$

$$20) \frac{3\sqrt{3}}{5\sqrt{2}}$$

$$21) \frac{4}{3\sqrt{5}}$$

$$22) \frac{2\sqrt{2}}{2\sqrt{3}}$$

$$23) \frac{5\sqrt{4}}{\sqrt{5}}$$

$$24) \frac{3\sqrt{5}}{2\sqrt{2}}$$

## Dividing and Square Roots

**Simplify.**

1)  $\frac{\sqrt{3}}{\sqrt{48}}$   
 $\frac{1}{4}$

2)  $\frac{\sqrt{12}}{\sqrt{4}}$   
 $\sqrt{3}$

3)  $\frac{\sqrt{20}}{\sqrt{5}}$   
 $2$

4)  $\frac{\sqrt{8}}{\sqrt{100}}$   
 $\frac{\sqrt{2}}{5}$

5)  $\frac{\sqrt{15}}{\sqrt{125}}$   
 $\frac{\sqrt{3}}{5}$

6)  $\frac{\sqrt{6}}{\sqrt{8}}$   
 $\frac{\sqrt{3}}{2}$

7)  $\frac{4\sqrt{6}}{3\sqrt{8}}$   
 $\frac{2\sqrt{3}}{3}$

8)  $\frac{2\sqrt{3}}{4\sqrt{27}}$   
 $\frac{1}{6}$

9)  $\frac{2\sqrt{3}}{2\sqrt{12}}$   
 $\frac{1}{2}$

10)  $\frac{4\sqrt{6}}{4\sqrt{27}}$   
 $\frac{\sqrt{2}}{3}$

11)  $\frac{3\sqrt{20}}{4\sqrt{16}}$   
 $\frac{3\sqrt{5}}{8}$

12)  $\frac{3\sqrt{20}}{3\sqrt{36}}$   
 $\frac{\sqrt{5}}{3}$

$$13) \frac{\sqrt{25}}{\sqrt{15}}$$
$$\frac{\sqrt{15}}{3}$$

$$14) \frac{\sqrt{5}}{\sqrt{15}}$$
$$\frac{\sqrt{3}}{3}$$

$$15) \frac{\sqrt{10}}{\sqrt{6}}$$
$$\frac{\sqrt{15}}{3}$$

$$16) \frac{\sqrt{15}}{\sqrt{6}}$$
$$\frac{\sqrt{10}}{2}$$

$$17) \frac{\sqrt{8}}{\sqrt{6}}$$
$$\frac{2\sqrt{3}}{3}$$

$$18) \frac{\sqrt{6}}{\sqrt{15}}$$
$$\frac{\sqrt{10}}{5}$$

$$19) \frac{3\sqrt{3}}{\sqrt{5}}$$
$$\frac{3\sqrt{15}}{5}$$

$$20) \frac{3\sqrt{3}}{5\sqrt{2}}$$
$$\frac{3\sqrt{6}}{10}$$

$$21) \frac{4}{3\sqrt{5}}$$
$$\frac{4\sqrt{5}}{15}$$

$$22) \frac{2\sqrt{2}}{2\sqrt{3}}$$
$$\frac{\sqrt{6}}{3}$$

$$23) \frac{5\sqrt{4}}{\sqrt{5}}$$
$$2\sqrt{5}$$

$$24) \frac{3\sqrt{5}}{2\sqrt{2}}$$
$$\frac{3\sqrt{10}}{4}$$