

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

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

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

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

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

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

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

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

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

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

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

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

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

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