

Divide square roots

Name _____

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Date _____

Simplify.

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

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

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

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

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

6) $\frac{\sqrt{8}}{\sqrt{10}}$

7) $\frac{2\sqrt{9}}{\sqrt{6}}$

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

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

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

11) $\frac{\sqrt{5}}{\sqrt{2}}$

12) $\frac{5\sqrt{6}}{5\sqrt{15}}$

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

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

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

16) $-\frac{3}{\sqrt{5}}$

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

18) $\frac{\sqrt{3}}{\sqrt{15}}$

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

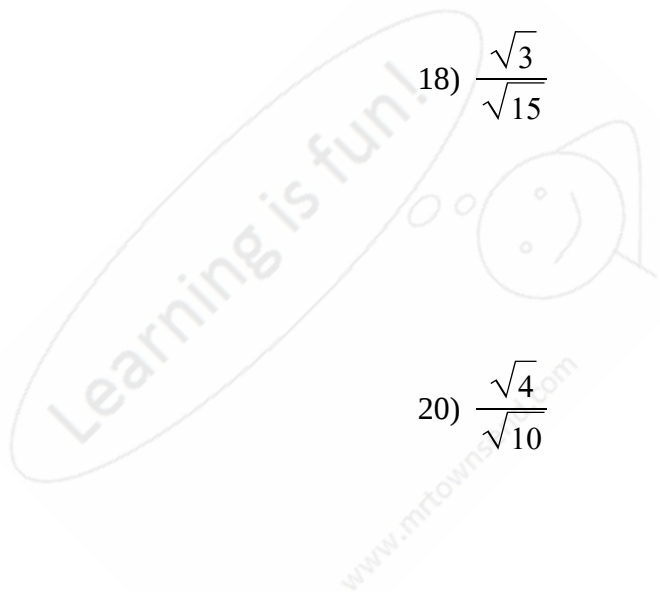
20) $\frac{\sqrt{4}}{\sqrt{10}}$

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

22) $\frac{\sqrt{5}}{2\sqrt{2}}$

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

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



Answers to

$$1) \frac{\sqrt{3}}{6}$$

$$5) \frac{\sqrt{10}}{10}$$

$$9) \frac{\sqrt{6}}{15}$$

$$13) \frac{2\sqrt{3}}{3}$$

$$17) \frac{\sqrt{15}}{15}$$

$$21) 2\sqrt{3}$$

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

$$6) \frac{2\sqrt{5}}{5}$$

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

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

$$18) \frac{\sqrt{5}}{5}$$

$$22) \frac{\sqrt{10}}{4}$$

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

$$7) \sqrt{6}$$

$$11) \frac{\sqrt{10}}{2}$$

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

$$19) \frac{\sqrt{15}}{20}$$

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

$$4) \frac{10\sqrt{3}}{3}$$

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

$$12) \frac{\sqrt{10}}{5}$$

$$16) -\frac{3\sqrt{5}}{5}$$

$$20) \frac{\sqrt{10}}{5}$$

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

