Algebra   Name_____

Divide Radicals   Date_____ Period____

Simplify.

1) $\dfrac{2\sqrt{12}}{\sqrt{16}}$

2) $\dfrac{5\sqrt{10}}{\sqrt{18}}$

3) $\dfrac{\sqrt{8}}{5\sqrt{100}}$

4) $\dfrac{\sqrt{15}}{\sqrt{20}}$

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

6) $\dfrac{4\sqrt{10}}{2\sqrt{6}}$

7) $\dfrac{5\sqrt{5}}{\sqrt{3}}$

8) $\dfrac{\sqrt{2}}{5\sqrt{10}}$

9) $\dfrac{\sqrt{60}}{\sqrt{42}}$

10) $\dfrac{\sqrt{63}}{\sqrt{90}}$

11) $\dfrac{\sqrt{18}}{9\sqrt{60}}$

12) $\dfrac{9\sqrt{64}}{9\sqrt{56}}$

Answers to Divide Radicals

1) $\sqrt{3}$

2) $\dfrac{5\sqrt{5}}{3}$

3) $\dfrac{\sqrt{2}}{25}$

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

5) $\dfrac{2\sqrt{3}}{3}$

6) $\dfrac{2\sqrt{15}}{3}$

7) $\dfrac{5\sqrt{15}}{3}$

8) $\dfrac{\sqrt{5}}{25}$

9) $\dfrac{\sqrt{70}}{7}$

10) $\dfrac{\sqrt{70}}{10}$

11) $\dfrac{\sqrt{30}}{90}$

12) $\dfrac{2\sqrt{14}}{7}$