

10.3C Dividing Radicals w/rationalization

Period _____

Simplify.

1) $\frac{7}{\sqrt{2}}$

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

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

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

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

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

7) $\frac{\sqrt{25}}{\sqrt{30}}$

8) $\frac{\sqrt{2}}{\sqrt{7}}$

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

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

$$11) \frac{6}{\sqrt{2}}$$

$$12) \frac{\sqrt{5}}{\sqrt{7}}$$

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

$$14) \frac{4}{2 + \sqrt{5}}$$

$$15) \frac{5}{\sqrt{2} + 3}$$

$$16) \frac{3}{-2 - \sqrt{2}}$$

$$17) \frac{2}{-1 + \sqrt{2}}$$

$$18) \frac{2}{3 + \sqrt{5}}$$