

RATIONALIZING RADICALS IN THE DENOMINATORS

Rationalize the denominators.

1. $\frac{1}{\sqrt{5}}$

6. $\frac{6}{\sqrt{2}}$

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

7. $\frac{x}{\sqrt{3}}$

3. $\frac{4}{\sqrt{3}}$

8. $\frac{2}{\sqrt{5}}$

4. $\frac{3}{\sqrt{11}}$

9. $\frac{14}{\sqrt{7}}$

5. $\frac{5}{\sqrt{5}}$

FRACTIONS IN THE DENOMINATOR

Simplify the fractions.

$$1. \frac{\frac{1}{2}}{\frac{3}{4}}$$

$$2. \frac{\frac{5}{6}}{\frac{7}{10}}$$

$$3. \frac{\frac{5}{2}}{\frac{25}{30}}$$

$$4. \frac{\frac{8}{9}}{\frac{1}{4}}$$

$$5. \frac{\frac{12}{13}}{\frac{4}{26}}$$

$$6. \frac{\frac{5}{12}}{\frac{9}{10}}$$

$$7. \frac{\frac{3}{2}}{\frac{27}{28}}$$

$$8. \frac{\frac{4}{11}}{\frac{16}{121}}$$

$$9. \frac{\frac{3}{17}}{\frac{9}{34}}$$

$$10. \frac{\frac{41}{42}}{\frac{2}{3}}$$

