

AA PREP: OPERATIONS WITH RADICALS (QUOTIENTS) LECTURE

Simplify. Rationalize the denominator.

1) $\frac{12}{\sqrt{3}}$

2) $\frac{18}{\sqrt{2}}$

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

4) $\sqrt{\frac{7}{3}}$

5) $\sqrt{\frac{4}{60}}$

6) $\sqrt{\frac{20}{50}}$

7) $\frac{\sqrt{6}}{\sqrt{27}}$

8) $\frac{\sqrt{30}}{\sqrt{42}}$

9) $\frac{4\sqrt{3}}{20\sqrt{7}}$

10) $\frac{6\sqrt{13}}{18\sqrt{2}}$

11) $\frac{12\sqrt{8}}{6\sqrt{24}}$

12) $\frac{28\sqrt{15}}{21\sqrt{40}}$