

# AA PREP: OPERATIONS WITH RADICALS (QUOTIENTS)—WORKSHEET #1

Simplify. Rationalize the denominator.

1) $\frac{10}{\sqrt{5}}$	2) $\frac{24}{\sqrt{6}}$
3) $\sqrt{\frac{2}{5}}$	4) $\sqrt{\frac{10}{7}}$
5) $\sqrt{\frac{50}{60}}$	6) $\sqrt{\frac{25}{16}}$
7) $\frac{\sqrt{10}}{\sqrt{35}}$	8) $\frac{\sqrt{12}}{\sqrt{24}}$
9) $\frac{5\sqrt{2}}{20\sqrt{3}}$	10) $\frac{16\sqrt{5}}{8\sqrt{6}}$
11) $\frac{44\sqrt{15}}{33\sqrt{10}}$	12) $\frac{20\sqrt{2}}{12\sqrt{10}}$