

Name: _____

Rationalize the Denominator

L1S2

Rationalize each denominator.

1) $\frac{20}{3\sqrt{2}}$

2) $\frac{48}{\sqrt{6}}$

3) $\frac{5}{\sqrt{10}}$

$\frac{\sqrt{14}}{\sqrt{14}}$

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5) $\frac{45}{\sqrt{5}}$

7) $\frac{10}{\sqrt{7}}$

9) $\frac{5\sqrt{7}}{4\sqrt{3}}$

10) $\frac{3}{4\sqrt{6}}$

Rationalize the Denominator

Rationalize each denominator.

1) $\frac{20}{3\sqrt{2}}$

$\frac{10\sqrt{2}}{3}$

2) $\frac{48}{\sqrt{6}}$

$8\sqrt{6}$

3) $\frac{5}{\sqrt{10}}$

$\frac{\sqrt{10}}{2}$

$\frac{\sqrt{14}}{\sqrt{14}}$

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5) $\frac{45}{\sqrt{5}}$

$9\sqrt{5}$

7) $\frac{10}{\sqrt{7}}$

$\frac{10\sqrt{7}}{7}$

9) $\frac{5\sqrt{7}}{4\sqrt{3}}$

$\frac{5\sqrt{21}}{12}$

10) $\frac{3}{4\sqrt{6}}$

$\frac{\sqrt{6}}{8}$