

Rationalize the Denominator

Rationalize each denominator.

1) $\frac{3}{1 + \sqrt{7}}$

2) $\frac{4\sqrt{7} + 7\sqrt{2}}{\sqrt{14}}$

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

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

7) $-\frac{6}{9 + \sqrt{13}}$

8) $\frac{10 - \sqrt{5}}{\sqrt{5}}$

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