

Skill Builder: Simplifying Fractions.

1) Simplify: $\frac{1}{\frac{\sqrt{3}}{2} \cdot \frac{1}{2} + \frac{\sqrt{2}}{2} \cdot \frac{-1}{2}}$	2) Simplify: $\frac{\frac{\sqrt{3}}{3} - (-1)}{1 + \frac{\sqrt{3}}{3} \cdot (-1)}$
3) Simplify: $\frac{1}{\frac{-\sqrt{2}}{2} \cdot \frac{\sqrt{3}}{2} + \frac{\sqrt{3}}{2} \cdot \frac{-1}{2}}$	4) Simplify: $\frac{-\frac{\sqrt{3}}{3} + (1)}{1 - \frac{-\sqrt{3}}{3} \cdot (1)}$
5) Simplify: $\frac{1 + \frac{-\sqrt{3}}{3} \cdot (-1)}{-\frac{\sqrt{3}}{3} - (-1)}$	6) Simplify: $\frac{1 - \sqrt{3} \cdot \left(\frac{\sqrt{3}}{3}\right)}{\sqrt{3} + \left(\frac{\sqrt{3}}{3}\right)}$
7) Simplify: $\frac{\frac{7}{25} - \frac{3}{5}}{1 + \frac{7}{25} \cdot \frac{3}{5}}$	8) Simplify: $\frac{\frac{7}{-12} - \frac{-3}{8}}{1 + \frac{7}{12} \cdot \frac{-3}{8}}$

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5) Simplify: $\frac{1 + \frac{-\sqrt{3}}{3} \cdot (-1)}{-\frac{\sqrt{3}}{3} - (-1)}$	6) Simplify: $\frac{1 - \sqrt{3} \cdot \left(\frac{\sqrt{3}}{3}\right)}{\sqrt{3} + \left(\frac{\sqrt{3}}{3}\right)}$
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