

**Rationalize the Denominator**

Rationalize each denominator.

1) 
$$-\frac{\sqrt{5}-2}{\sqrt{5}-12}$$

2) 
$$\frac{4\sqrt[3]{6}}{\sqrt[3]{32}}$$

3) 
$$\frac{8\sqrt[3]{2}}{\sqrt[3]{16}}$$

5) 
$$\frac{14+\sqrt{7}}{4\sqrt{7}+11}$$

7) 
$$\frac{9\sqrt{3}-8}{4-3\sqrt{3}}$$

8) 
$$\frac{\sqrt{2}-\sqrt{10}}{\sqrt{15}+\sqrt{12}}$$

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