

Warm Up:

\*Hint: you need common denominators to add fractions!\*

$$\frac{\sqrt{4}}{\sqrt{4}} \cdot \frac{7\sqrt{6}}{\sqrt{2}} + \frac{\sqrt{54}}{\sqrt{8}}$$

$$\frac{7\sqrt{24}}{\sqrt{8}} + \frac{\sqrt{54}}{\sqrt{8}}$$

$$\frac{14\sqrt{6}}{\sqrt{8}} + \frac{3\sqrt{6}}{\sqrt{8}} = \frac{17\sqrt{6}}{\sqrt{8}} = \frac{17\sqrt{6} \cdot \sqrt{2}}{2\sqrt{2} \cdot \sqrt{2}}$$

$$\frac{17\sqrt{12}}{4} = \frac{17\sqrt{3}}{2}$$

$$\frac{34\sqrt{3}}{4} = \frac{17\sqrt{3}}{2}$$

## Review homework

~~9.  $7\sqrt{3}$~~

11.  $8\sqrt{3}$

13. 0

15.  $-7\sqrt{5}$

21.  $2\sqrt{3} + 3\sqrt{2}$

10.  $9\sqrt{5}$

12.  $-3\sqrt{2}$

14.  $47\sqrt{2}$

16.  $-3\sqrt{7}$

22.  $5\sqrt{3} - 3\sqrt{5}$

matching

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