

# Homework

Perform the following operations with radicals/Simplify:

1.)  $-\sqrt{3} - \sqrt{3} + 2\sqrt{3}$

6.)  $-\sqrt{3} + 2\sqrt{3}$

2.)  $-3\sqrt{5} - 3\sqrt{5}$

7.)  $-2\sqrt{2} - 2\sqrt{2}$

3.)  $-3\sqrt{2} \cdot 2\sqrt{3}$

8.)  $-3\sqrt{6} \cdot \sqrt{3}$

4.)  $-\sqrt{5} + \sqrt{45}$

9.)  $12 \cdot \sqrt{7}$

5.)  $-\sqrt{5} \cdot \sqrt{45}$

10.)  $-\sqrt{10} \cdot \sqrt{10}$