

**Directions:** *Show all work. Place answer on the blank line next to problem number.* Total: \_\_\_\_\_  
20

\_\_\_\_\_ 1.  $\sqrt{60}$  (1 pt)  
**11.2A**

\_\_\_\_\_ 2.  $-2\sqrt{48}$  (1 pt)  
**11.2A**

\_\_\_\_\_ 3.  $\sqrt{27x^8y^5}$  (2 pts)  
**11.2A**

\_\_\_\_\_ 4.  $\sqrt{27} \cdot \sqrt{3x} \cdot \sqrt{2x^3}$  (2 pts)  
**11.2B**

\_\_\_\_\_ 5.  $\sqrt{\frac{6}{25}}$  (1 pt)  
**11.2C**

\_\_\_\_\_ 6.  $\frac{4}{\sqrt{20}}$  (2 pts)  
**11.2D**



\_\_\_\_\_ 7.  $\frac{4\sqrt{5}}{\sqrt{8y}}$  (2 pts)

11.2D

\_\_\_\_\_ 8.  $7\sqrt{2} - 2\sqrt{2} + 9\sqrt{2}$  (1 pt)

11.2E

\_\_\_\_\_ 9.  $3\sqrt{12} + 5\sqrt{18} - 7\sqrt{3}$  (2 pts)

11.2E

\_\_\_\_\_ 10.  $4\sqrt{5x} - \sqrt{80x}$  (2 pts)

11.2E

\_\_\_\_\_ 11.  $\sqrt{3}(5 + 2\sqrt{3})$  (2 pts)

11.2F

\_\_\_\_\_ 12.  $\sqrt{2}(3\sqrt{6} - \sqrt{3})$  (2 pts)

11.2F

