## Performing Operations on Padicals

Adding & Subtracting:

$$3 + \sqrt{10} + \sqrt{13} - 9\sqrt{10}$$
  
 $-5\sqrt{10} + \sqrt{13}$ 

$$4)$$
  $5\sqrt{3} + \sqrt{48}$   
 $5\sqrt{3} + \sqrt{16 \cdot 3}$   
 $5\sqrt{3} + 4\sqrt{3}$   
 $9\sqrt{3}$ 

$$6257 - 528$$
 $257 - 54.7$ 
 $257 - 257$ 

Multiplying

$$4\sqrt{5} - \sqrt{5 \cdot 20}$$
  
 $4\sqrt{5} - \sqrt{100}$ 

$$2\sqrt{3} + \sqrt{3.12}$$
 $2\sqrt{3} + \sqrt{36}$ 
 $2\sqrt{3} + 6$ 

$$\sqrt{7.7} - 3\sqrt{7.2} + \sqrt{7.2} - 3\sqrt{2.2}$$
  $2 - 3\sqrt{10} + \sqrt{10} - 3.5$ 

$$7 - 2\sqrt{14} - 3.2$$

$$7 - 2\sqrt{14} - 6 = |1 - 2\sqrt{14}|$$

$$1 - \sqrt{2} - \sqrt{2} + 2$$