

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Addition of Radicals Worksheet**

Problems

Work Space

$$\sqrt{25} + 7\sqrt{100}$$

Answer: \_\_\_\_\_

$$\sqrt{32} + 9\sqrt{2} + \sqrt{18}$$

Answer: \_\_\_\_\_

$$\sqrt{45} + 5\sqrt{20} + 9\sqrt{3} + \sqrt{75}$$

Answer: \_\_\_\_\_

$$\sqrt{900} + \sqrt{400} + \sqrt{2500} + \sqrt{1600}$$

Answer: \_\_\_\_\_

$$2\sqrt{8} + 11\sqrt{72} + \sqrt{96}$$

Answer: \_\_\_\_\_

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Answers

$\sqrt{25} + 7\sqrt{100}$  Answer: <b>75</b>	
$\sqrt{32} + 9\sqrt{2} + \sqrt{18}$  Answer: <b><math>16\sqrt{2}</math></b>	
$\sqrt{45} + 5\sqrt{20} + 9\sqrt{3} + \sqrt{75}$  Answer: <b><math>13\sqrt{5} + 14\sqrt{3}</math></b>	
$\sqrt{900} + \sqrt{400} + \sqrt{2500} + \sqrt{1600}$  Answer: <b>140</b>	
$2\sqrt{8} + 11\sqrt{72} + \sqrt{96}$  Answer: <b><math>70\sqrt{2} + 4\sqrt{6}</math></b>	