

Student Name: _____

Score: _____

Add the Radicals

$$2\sqrt{5} + 4\sqrt{5} = \underline{\hspace{2cm}}$$

$$\sqrt{3} + 9\sqrt{3} = \underline{\hspace{2cm}}$$

$$4\sqrt{7} + 6\sqrt{7} = \underline{\hspace{2cm}}$$

$$7\sqrt{2} + 5\sqrt{2} + \sqrt{2} = \underline{\hspace{2cm}}$$

$$\sqrt{3} + 3\sqrt{3} + \sqrt{3} = \underline{\hspace{2cm}}$$

$$6\sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5} = \underline{\hspace{2cm}}$$

$$\sqrt{7} + \sqrt{2} + \sqrt{7} + \sqrt{2} = \underline{\hspace{2cm}}$$

$$\sqrt{3} + 2\sqrt{3} + \sqrt{2} = \underline{\hspace{2cm}}$$

$$4\sqrt{2} + 9\sqrt{2} + 3\sqrt{2} = \underline{\hspace{2cm}}$$

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Answer key

Add the Radicals

$$2\sqrt{5} + 4\sqrt{5} = 6\sqrt{5}$$

$$\sqrt{3} + 9\sqrt{3} = 10\sqrt{3}$$

$$4\sqrt{7} + 6\sqrt{7} = 10\sqrt{7}$$

$$7\sqrt{2} + 5\sqrt{2} + \sqrt{2} = 13\sqrt{2}$$

$$\sqrt{3} + 3\sqrt{3} + \sqrt{3} = 5\sqrt{3}$$

$$6\sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5} = 9\sqrt{5}$$

$$\sqrt{7} + \sqrt{2} + \sqrt{7} + \sqrt{2} = 2\sqrt{7} + 2\sqrt{2}$$

$$\sqrt{3} + 2\sqrt{3} + \sqrt{2} = 3\sqrt{3} + \sqrt{2}$$

$$4\sqrt{2} + 9\sqrt{2} + 3\sqrt{2} = 16\sqrt{2}$$