

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

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

**Subtraction of Radicals**

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

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

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

$$8\sqrt{7} - 2\sqrt{7} = \underline{\hspace{2cm}}$$

$$12\sqrt{13} - 10\sqrt{13} = \underline{\hspace{2cm}}$$

$$8\sqrt{2} - \sqrt{2} = \underline{\hspace{2cm}}$$

$$21\sqrt{5} - 6\sqrt{5} = \underline{\hspace{2cm}}$$

$$11\sqrt{7} - 5\sqrt{7} = \underline{\hspace{2cm}}$$

$$\sqrt{5} - \sqrt{5} = \underline{\hspace{2cm}}$$

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

Answer key

**Subtraction of Radicals**

$$9\sqrt{3} - 3\sqrt{3} = 6\sqrt{3}$$

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

$$4\sqrt{5} - \sqrt{5} = 3\sqrt{5}$$

$$8\sqrt{7} - 2\sqrt{7} = 6\sqrt{7}$$

$$12\sqrt{13} - 10\sqrt{13} = 2\sqrt{13}$$

$$8\sqrt{2} - \sqrt{2} = 7\sqrt{2}$$

$$21\sqrt{5} - 6\sqrt{5} = 15\sqrt{5}$$

$$11\sqrt{7} - 5\sqrt{7} = 6\sqrt{7}$$

$$\sqrt{5} - \sqrt{5} = 0$$