

Student Name: _____

Score: _____

Multiply the Radicals

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

$$2\sqrt{7} \times 3\sqrt{7} = \underline{\hspace{2cm}}$$

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

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

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

$$12\sqrt{3} \times 3\sqrt{3} = \underline{\hspace{2cm}}$$

$$\sqrt{5} \times 3\sqrt{5} = \underline{\hspace{2cm}}$$

$$6\sqrt{2} \times 9\sqrt{2} = \underline{\hspace{2cm}}$$

$$5\sqrt{5} \times 3\sqrt{5} = \underline{\hspace{2cm}}$$

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Answer key

Multiply the Radicals

$$\sqrt{3} \times \sqrt{3} = 3$$

$$2\sqrt{7} \times 3\sqrt{7} = 42$$

$$\sqrt{5} \times 6\sqrt{5} = 30$$

$$4\sqrt{3} \times \sqrt{3} \times 2\sqrt{3} = 24\sqrt{3}$$

$$2\sqrt{2} \times \sqrt{2} \times 6\sqrt{5} = 24\sqrt{5}$$

$$12\sqrt{3} \times 3\sqrt{3} = 108$$

$$\sqrt{5} \times 3\sqrt{5} = 15$$

$$6\sqrt{2} \times 9\sqrt{2} = 108$$

$$5\sqrt{5} \times 3\sqrt{5} = 75$$