Problem 1 *Simplify the following numeric radical: (Note: If the radical expression simplifies out entirely, enter 1 as the left-over radicand. If the radical is already in simplest terms, enter 1 as the coefficient.)*

$$\sqrt[2]{751689} = \boxed{867}\sqrt[2]{\boxed{1}}$$

Problem 2 *Simplify the following numeric radical: (Note: If the radical expression simplifies out entirely, enter 1 as the left-over radicand. If the radical is already in simplest terms, enter 1 as the coefficient.)*

$$\sqrt[5]{3125} = \boxed{5}\sqrt[5]{\boxed{1}}$$

Problem 3 *Simplify the following numeric radical: (Note: If the radical expression simplifies out entirely, enter 1 as the left-over radicand. If the radical is already in simplest terms, enter 1 as the coefficient.)*

$$\sqrt[2]{16875} = \boxed{75}\sqrt[2]{\boxed{3}}$$

Problem 4 *Simplify the following numeric radical: (Note: If the radical expression simplifies out entirely, enter 1 as the left-over radicand. If the radical is already in simplest terms, enter 1 as the coefficient.)*

$$\sqrt[2]{2695} = \boxed{7}\sqrt[2]{\boxed{55}}$$
