

## RADICAL BINGO TRACKING SHEET

| Problem               | Solution                   | Round |   |   |   |
|-----------------------|----------------------------|-------|---|---|---|
|                       |                            | 1     | 2 | 3 | 4 |
| $\sqrt{9a^6}$         | $3a^3$                     |       |   |   |   |
| $\sqrt[3]{8a^3}$      | $2a$                       |       |   |   |   |
| $\sqrt{x^2}$          | $x$                        |       |   |   |   |
| $\sqrt[3]{x^3y^9}$    | $xy^3$                     |       |   |   |   |
| $\sqrt{8a^2b^5c^4}$   | $2ab^2c^2 \cdot \sqrt{2b}$ |       |   |   |   |
| $\sqrt[3]{a^3}$       | $a$                        |       |   |   |   |
| $\sqrt{16a^2b^7}$     | $4ab^3 \cdot \sqrt{b}$     |       |   |   |   |
| $\sqrt[3]{x^4}$       | $x \cdot \sqrt[3]{x}$      |       |   |   |   |
| $\sqrt{144x^{10}y^6}$ | $12x^5y^3$                 |       |   |   |   |
| $\sqrt[3]{27x^6}$     | $3x^2$                     |       |   |   |   |
| $\sqrt{x^3}$          | $x \cdot \sqrt{x}$         |       |   |   |   |
| $\sqrt[3]{54x^7y^3}$  | $3x^2y \cdot \sqrt[3]{2x}$ |       |   |   |   |
| $\sqrt{4x^4}$         | $2x^2$                     |       |   |   |   |
| $\sqrt[3]{64a^3b^6}$  | $4ab^2$                    |       |   |   |   |

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|                       |                                | 1     | 2 | 3 | 4 |
| $\sqrt[3]{16a^5}$     | $2a \cdot \sqrt[3]{2a^2}$      |       |   |   |   |
| $\sqrt{12x^4y^3}$     | $2x^2y \cdot \sqrt{3y}$        |       |   |   |   |
| $\sqrt{50a^3b^2}$     | $5ab \cdot \sqrt{2a}$          |       |   |   |   |
| $\sqrt[3]{250a^2b^8}$ | $5b^2 \cdot \sqrt[3]{2a^2b^2}$ |       |   |   |   |
| $\sqrt{x^2y^4}$       | $xy^2$                         |       |   |   |   |
| $\sqrt[3]{125a^9b^7}$ | $5a^3b^2 \cdot \sqrt[3]{b}$    |       |   |   |   |
| $\sqrt{10x^7}$        | $x^3 \cdot \sqrt{10x}$         |       |   |   |   |
| $\sqrt{98a^7b^3c^2}$  | $7a^3bc \cdot \sqrt{2ab}$      |       |   |   |   |
| $\sqrt{49a^8b^2c^5}$  | $7a^4bc^2 \cdot \sqrt{c}$      |       |   |   |   |
| $\sqrt{72x^2y^5}$     | $6xy^2 \cdot \sqrt{2y}$        |       |   |   |   |