## Convert - Radicals and Rational Exponents

Connect Boxes from Column A to Column B.

| Column A | Column B |
|---|---|
| $\sqrt[3]{4a^2}$ | $5\sqrt[4]{a}$ |
| $5\sqrt{a^7}$ | $a^{3/2}$ |
| $\sqrt[4]{(2a)^3}$ | $4^{1/3}\,a^{2/3}$ |
| $\sqrt{a^3}$ | $\sqrt[3]{(2a)^2}$ |
| $\sqrt[3]{6^2}$ | $\sqrt[3]{2}$ |
| $5a^{1/4}$ | $6^{2/3}$ |
| $(2a)^{2/3}$ | $5a^{7/2}$ |
| $(a^4)^{1/3}$ | $2\sqrt[3]{a}$ |
| $2^{1/3}$ | $\sqrt[3]{a^4}$ |
| $2a^{1/3}$ | $(2a)^{3/4}$ |

LIVEWORKSHEETS