

Answers: Rational Exponents WS

$$\textcircled{2} 2xy^2 \quad \textcircled{4} 11^{1/2}x^{3/4}y^3 \quad \textcircled{6} b^{1/2}$$

$$\textcircled{8} \sqrt[4]{36} \text{ or } \sqrt{6} \quad \textcircled{10} \sqrt[3]{4x^2y} \quad \textcircled{12} \sqrt[6]{5x^3y^2}$$

$$\textcircled{14} 8 \quad \textcircled{16} 49 \quad \textcircled{18} 8 \quad \textcircled{20} 6$$

$$\textcircled{22} 1/4 \quad \textcircled{24} \frac{2y^3}{x^2} \quad \textcircled{26} \frac{y^{1/4}}{x^{2/3}}$$

$$\textcircled{28} 7n \quad \textcircled{30} 2^{3/2} \quad \textcircled{32} 9x^2y^{1/9}z^{8/3}$$

$$\textcircled{34} 3w^3y^2 \quad \textcircled{36} 2x^4\sqrt{y}$$

$$\textcircled{38} 39 - 12\sqrt{3} \quad \textcircled{40} 30\sqrt[3]{2}$$

$$\textcircled{42} bc^2 \sqrt[6]{a^5b^3c^2} \quad \textcircled{44} 27$$

$$\textcircled{46} 6\sqrt{3} - 5\sqrt{7}$$