

Warm Up: Quiz Review

1. Simplify $\frac{50c^2d^2}{5cd^5}$

2. Simplify $(2x^3y^4)^5(4xy^2)$

3. Multiply $\sqrt[3]{x} \cdot \sqrt[4]{x}$

4. Simplify $\left(\frac{\sqrt[3]{x^2}}{\sqrt{y}}\right)^{-6}$

5. Simplify $(81x^{12}y^{28})^{\frac{1}{4}}$

6. Rewrite in radical form
 $(2x)^{\frac{7}{8}}$

7. Rewrite in exponential
form $\sqrt[3]{y^2}$

8. Simplify $(\sqrt{x} \cdot \sqrt[3]{y^2})^{-6}$

9. Solve $3 + \sqrt[3]{x-4} = 6$

10. Solve $(7x + 8)^{\frac{1}{2}} - 2 = x$