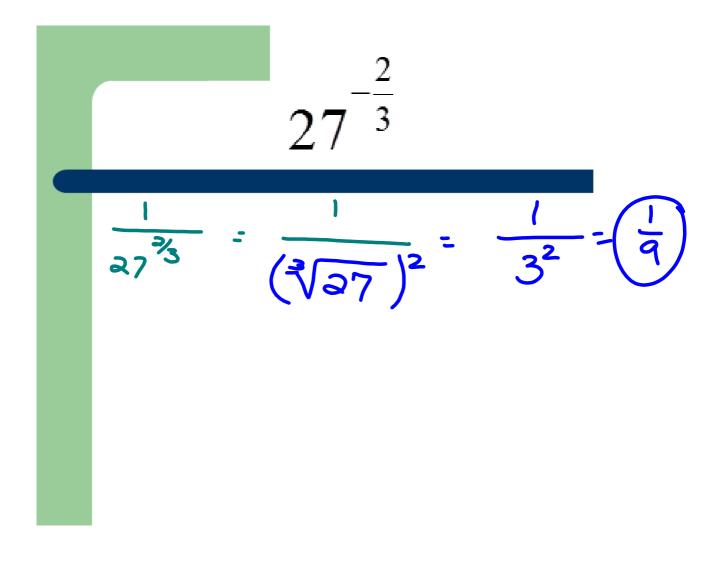
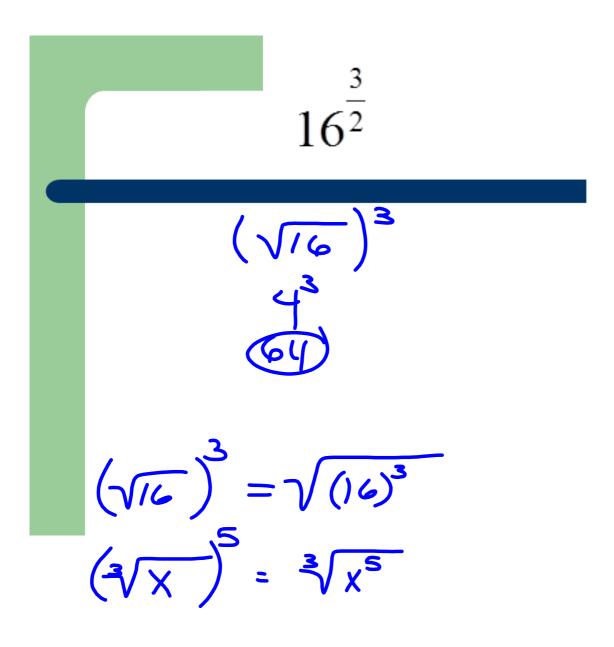


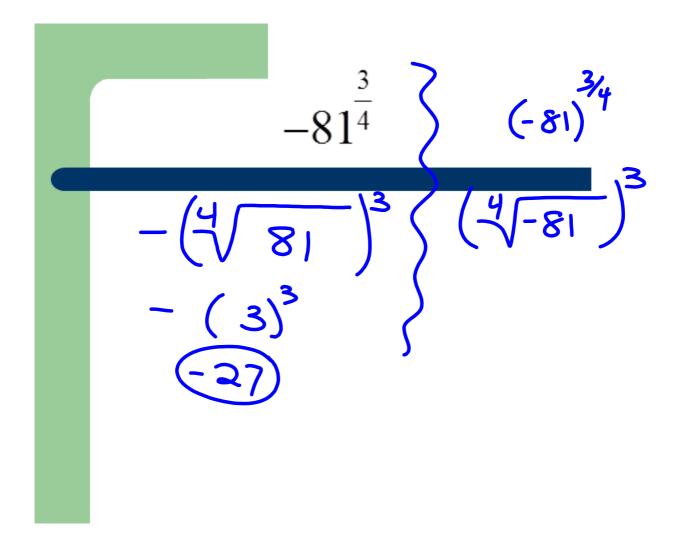
Base
$$36^{\frac{1}{2}}$$
 exponents

ex ponential Radical form

 $36^{\frac{1}{2}}$ $(36)^{\frac{1}{2}}$ $(36)^{\frac{1}{2}}$

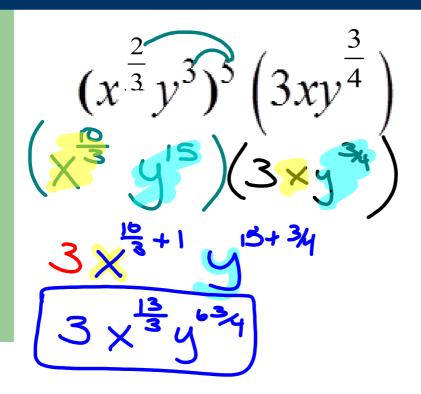


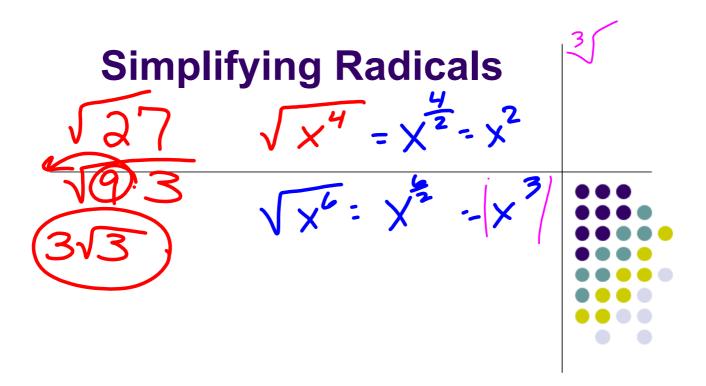




Simplify:

Simplify:





Properties of Radicals



- For any real number a,
 If n is a positive even integer then

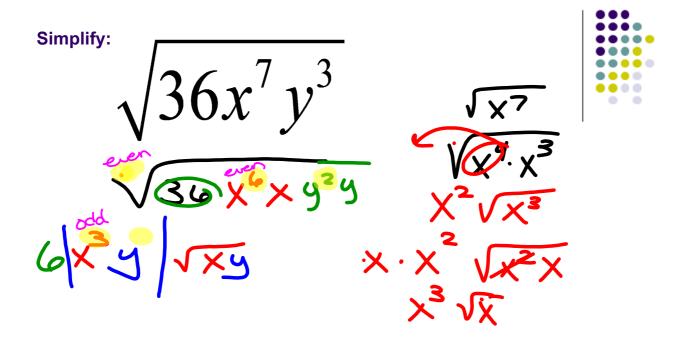
• If n is a positive odd integer then
$$\sqrt[n]{a^n} = a$$

Simplify:
$$\sqrt{x^2y^3} = x$$



Simplify:
$$\sqrt{x^5y^8}$$
 $= x^4$





Simplify:
$$\sqrt[3]{-27}x^7y^3z^2$$

$$\sqrt[3]{-27}x^4y^3z^2$$

$$\sqrt[3]{-27}x^4y^3z^2$$



Simplify:
$$\sqrt{81x^2y^5z^6}$$

