I can: Add and Subtract Radicals

2.3

Jan 12-4:04 PM

Starter:

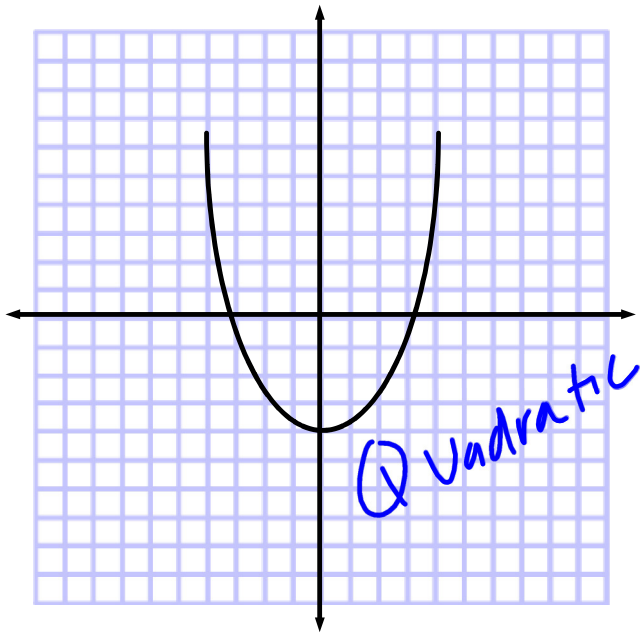
Simplify 1. $-3\sqrt{24x^3}$

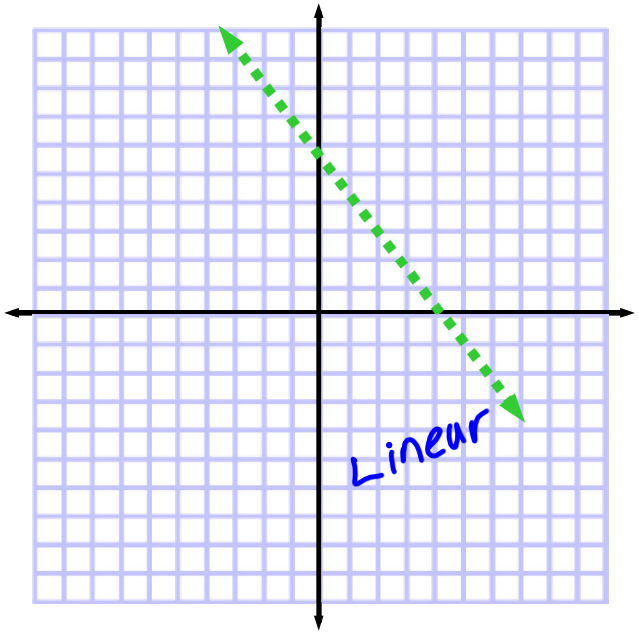
2. $\sqrt[3]{108x\,y^5}^{\,8}$

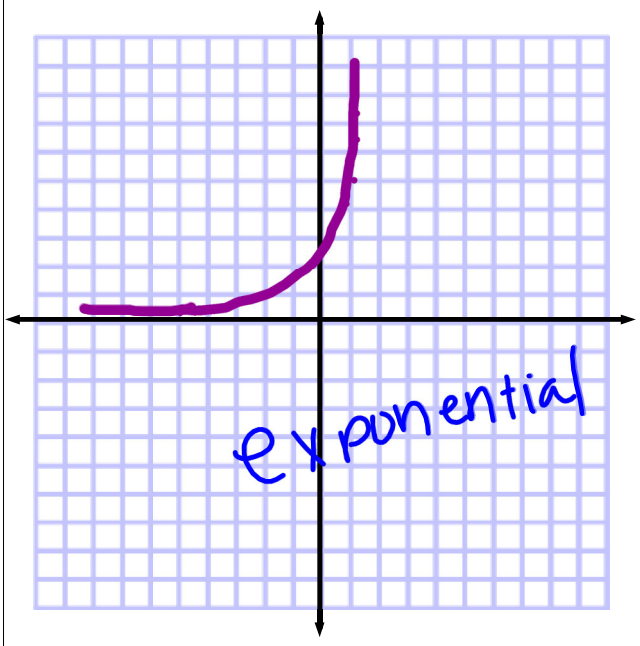
Nov 4-1:45 PM

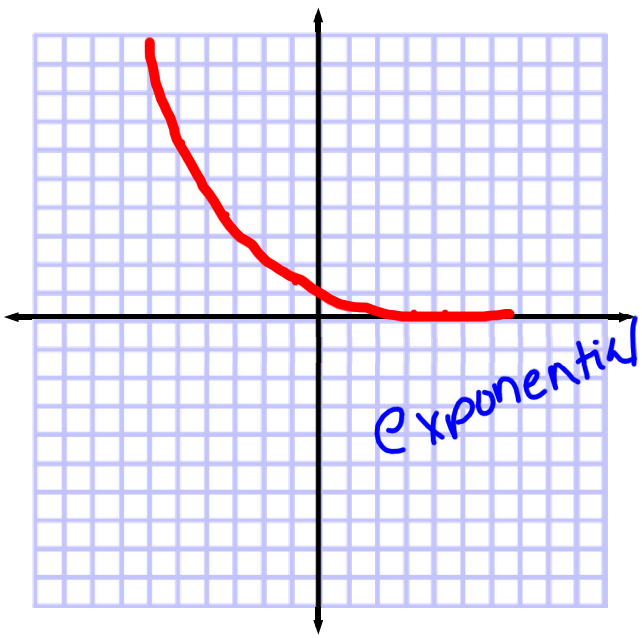
Calendar Math

Determine if the following is a linear, quadratic, or exponential function



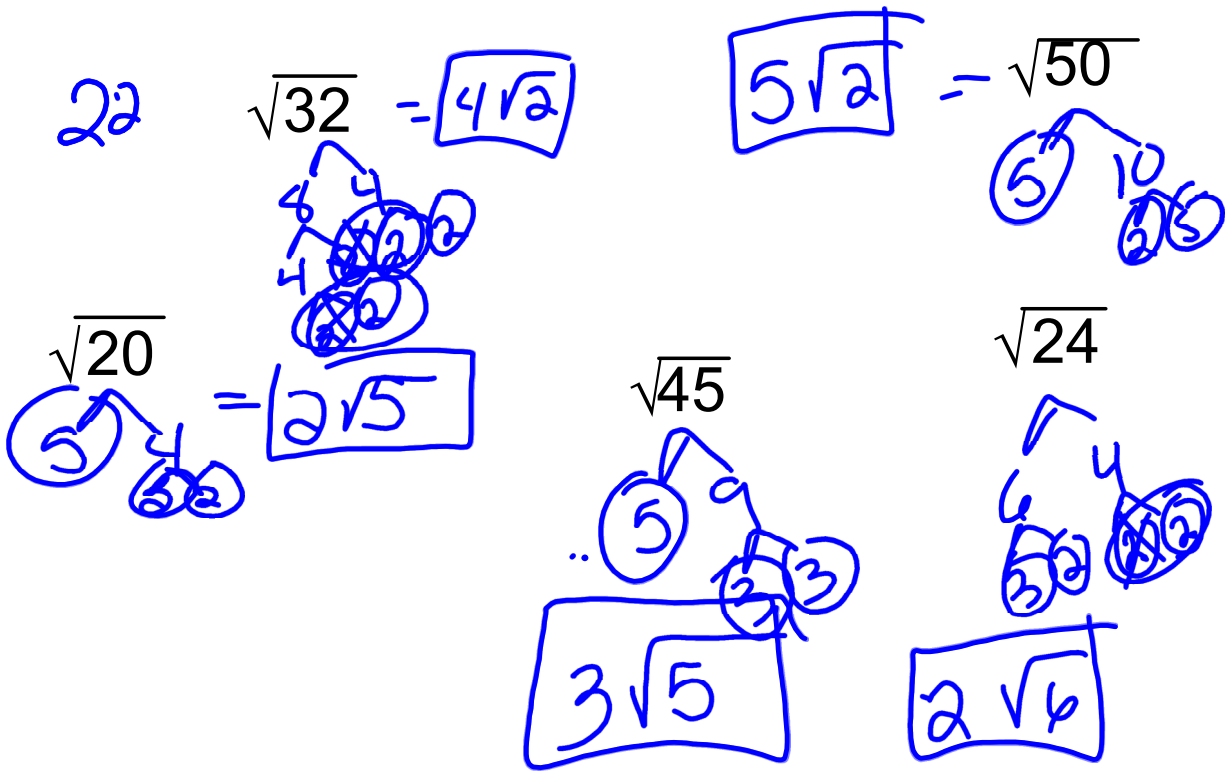






Oct 3-12:31 PM

Let practice simplifying first



Jan 12-4:04 PM

you can only combine like terms (terms with the same radical number)

$3x + 2x = 5x$

$3x + 2y$

1. $-\sqrt{27} - 2\sqrt{3}$

$9 \quad 3$

$3 \quad 3$

$-3\sqrt{3} - 2\sqrt{3} = \boxed{-5\sqrt{3}}$

Jan 12-4:07 PM

3. $2\sqrt{24} + 3\sqrt{54}$

$4\sqrt{6} + 9\sqrt{6} = \boxed{13\sqrt{6}}$

Nov 4-1:56 PM

7. $2\sqrt{5} - \sqrt{27} - 2\sqrt{3}$

$2\sqrt{5} - 3\sqrt{3} - 2\sqrt{3}$

$2\sqrt{5} - 5\sqrt{3}$

Nov 4-1:57 PM

15. $-3\sqrt{24} + 2\sqrt{24} + -\sqrt{5} + 2\sqrt{24}$

$\sqrt{24} - \sqrt{5}$

$2\sqrt{6} - \sqrt{5}$

Nov 4-2:01 PM

20. $\dfrac{b^{1/2}}{b^{-2}}$

BW $\frac{1}{2} - \frac{-2}{1} \cdot \frac{2}{2}$

$\frac{1+4}{2} = \frac{5}{2}$

$\boxed{b^{\frac{5}{2}}}$

$\sqrt{b^5} = b^2\sqrt{b}$

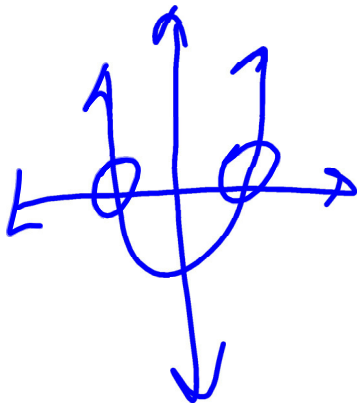
Solve for x

$(x-2)(x+2)=0$

Find the zeros

$y=(x-2)(x+2)$

Find the roots



Oct 11-9:53 AM