videos to watch for rest of chapter 2. The test

http://www.harryzaims.com/121-all/121-fall-14/videos/121-test-2-fall-13-VIDEO-01-1.mp4

http://www.harryzaims.com/121-all/121-fall-14/videos/121-test-2-fall-13-VIDEO-02.mp4

@ 12:00 mark, 2.5, 2.6 stuff.

$y = kx$

$y = kxz$

$\sqrt{x}$ x^2

$y = k\left(\frac{1}{x}\right)$

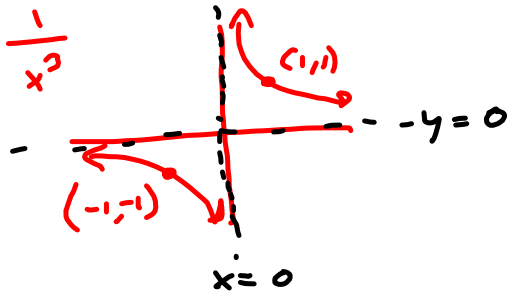
$\sqrt[3]{x}$ x^3

$$\frac{3}{(5x-10)^3}+11$$

Basic func: $f(x)=\frac{1}{x^3}$

$\frac{1}{x^3} \longmapsto 3\left(\frac{1}{x^3}\right) \longmapsto 3\frac{1}{(5x)^3}$

$\longmapsto 3\left(\frac{1}{5(x-2)^3}\right) \longmapsto \frac{3}{(5x-10)^3}+11$



① Basic
② vert.
③ Horiz
④ Horiz. shift
⑤ Vertical shift

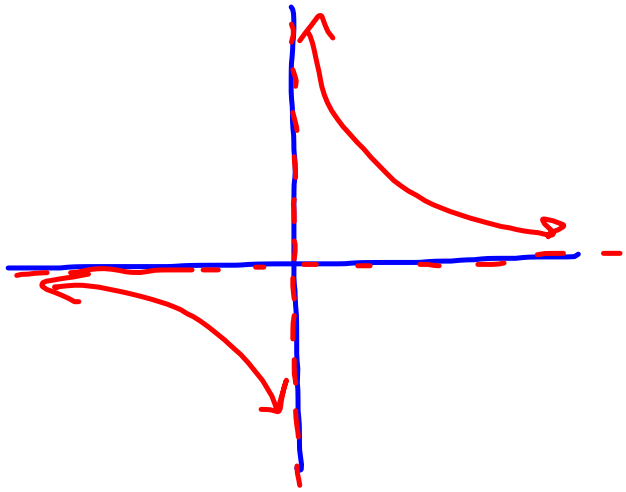
$f(x)=x^2-2$
$g(x)=\sqrt[3]{x-5}$

$f+g$, fg, $\frac{f}{g}$
D's, R's
$f \circ g$

Graph it!

$7\sqrt[3]{4-2x}-5$

$\frac{3}{(5x-10)^3}+11$



Oct 3-8:40 AM