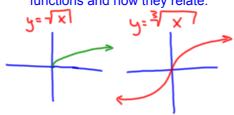
## Bellwork:

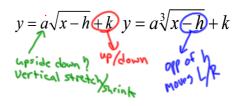
Get your homework out and be ready to grade it.

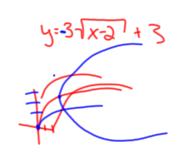
REMEMBER: NO LATE WORK!!!

Chapter 6.5: Graph Square Root and Cube Root Functions

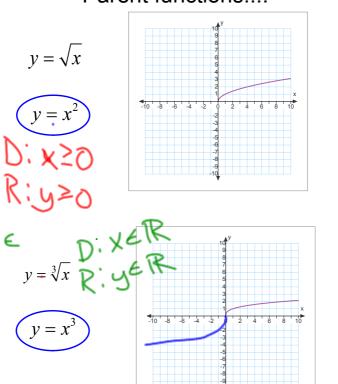
- Helps to the know the parent functions and how they relate.



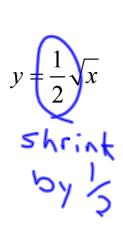


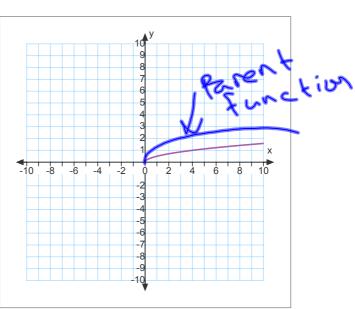


## Parent functions!!!!

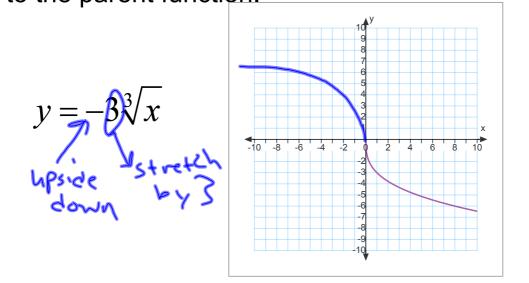


ex. Graph and give the domain and range. Compare to the parent function.





ex. Graph, give domain and range, compare to the parent function.

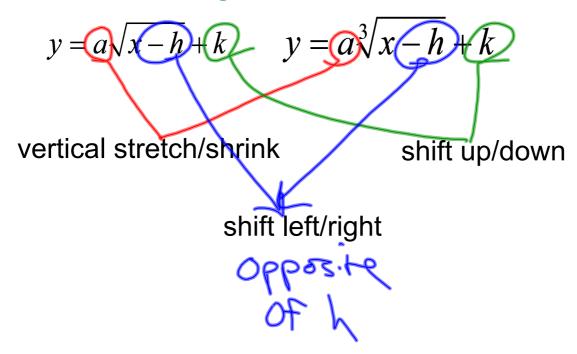


ex. The period of a pendulum is the time the pendulum takes to complete one back and forth swing. The period T(in sec.) can be modeled by T=1.11sqrt(I) where I is the pendulum's length(in ft).

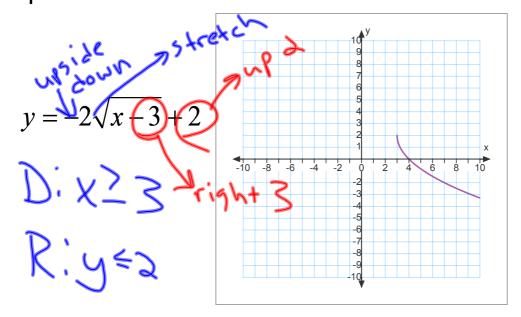
- Graph the model graph of 1.11-1 x

- How long is a pendulum with a period of 3 sec?

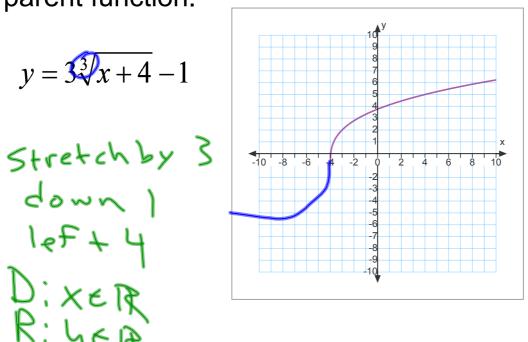
## **Translating Radical Functions:**



ex. graph and give domain/range. Compare to parent function.



ex. graph, give domain/range, compare to parent function.



Homework: Ch 6.5 pg.449 #'s 16-19,28-32e,36