

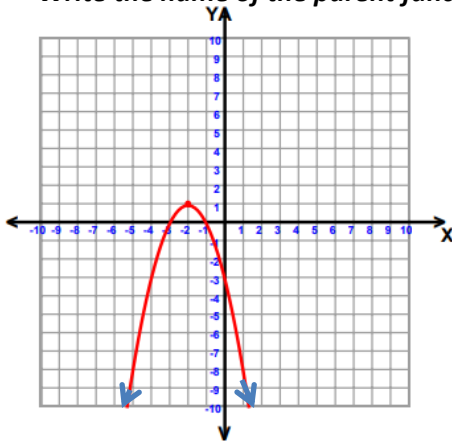
**CYU 1.1 Parent Functions**

*Use when you get it right all by yourself*  
*S* *Use when you did it all by yourself, but made a silly mistake*  
*H* *Use when you could do it alone with a little help from teacher or peer*  
*G* *Use when you completed the problem in a group*  
*X* *Use when a question was attempted but wrong (get help)*  
*N* *Use when a question was not even attempted*

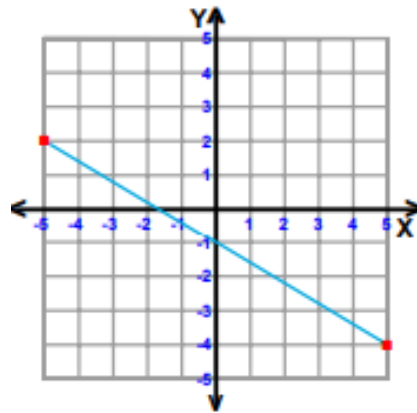
CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Constant, linear, absolute value, & Quadratic parent function: name, equation, graph	2, 5, 7	3, 4	1, 6, 8
Domain & Range in interval notation	4	1, 2, 3, 5	6, 7, 8

*Write the name of the parent function, state the domain and range in interval notation.*

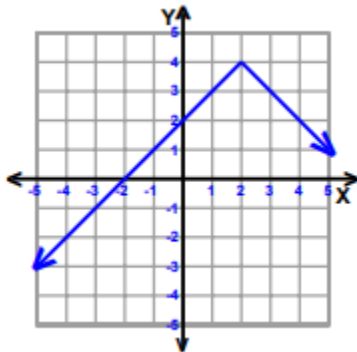
1.



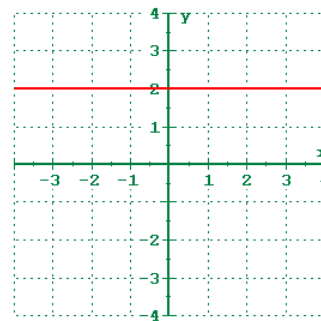
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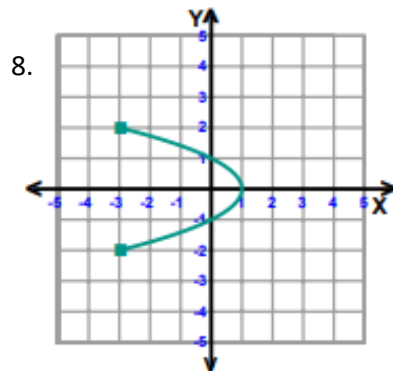
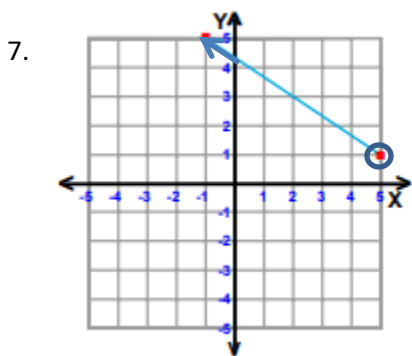
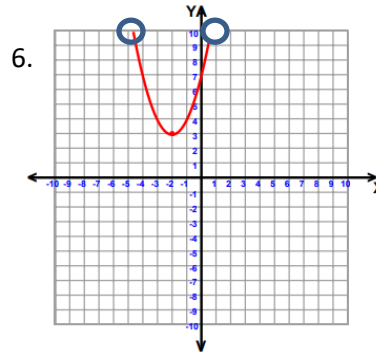
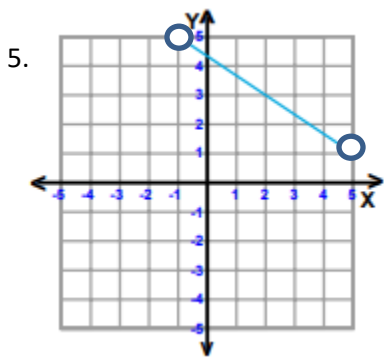


3.



4.





9. Create an absolute value function who has a domain of  $(-\infty, \infty)$  and a range of  $(-\infty, -2)$ . Then sketch a graph of your function.
10. Create a linear function who has a domain of  $(-\infty, 2]$  and a range of  $(-\infty, 1]$ . Then sketch a graph of your function.

**CYU Reflection:** *How far can you go: basic, intermediate, or advanced?*

**Rate your mastery level!**

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

