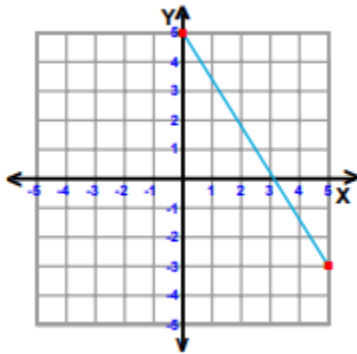Name _____ Date _____ Pd __

CYU 1.1 Parent Functions DAY TWO

☑ 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)
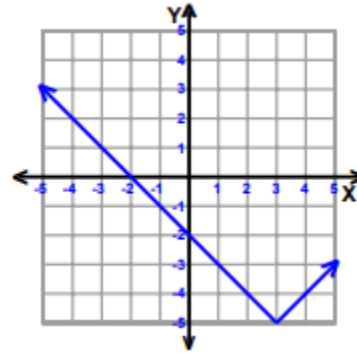
N Use when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Constant, linear, absolute value, & Quadratic parent function: name, equation, graph	1 - 6	7, 8	9
Domain & Range in interval notation	1 - 6	7, 8	9

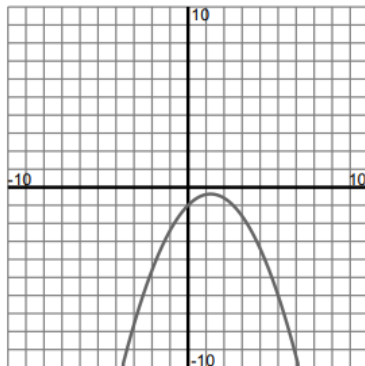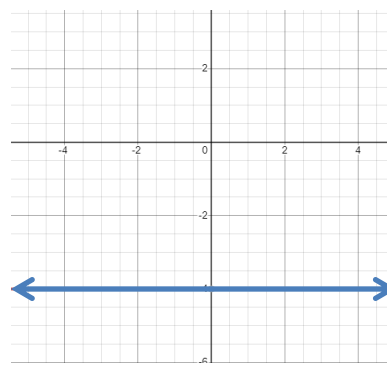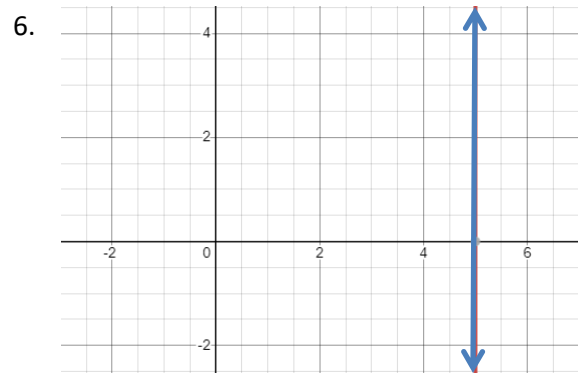*Write the name of the parent function, state the domain and range in interval notation.*
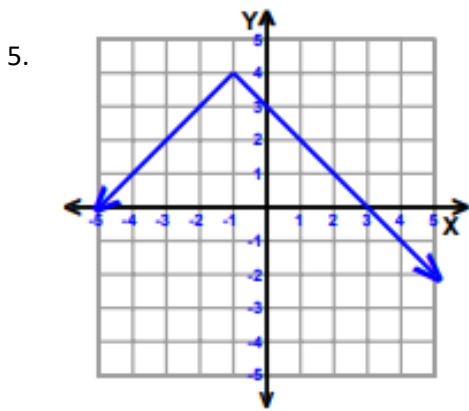
1.

2.

3.

4.

5.

6.

7. Create a constant function who has a domain of (- ∞, ∞) and a range of [4]. Then sketch a graph of your function.

8. Create a quadratic function who has a domain of (- ∞, ∞) and a range of (- ∞, 1]. Then sketch a graph of your function.

9. Sketch your own graph of any of the four parent functions. Then state the name, write the equation, and your domain/range in interval notation.

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.

| 1   2 | 3   4   5 | 6   7 | 8 |
| Basic | Intermediate | Advanced | Solved ALL! |