## Families of Functions

you need to know


Quadratic Functions
Parabolas


$$
F=a(s-b)^{2}+A
$$

Exponential Functions

Exponential
tomizowtal adyutitote

$$
y=a(b)^{(x-h)}+k
$$

exariatie si the entontert

Constant function
(a special kind of linear function)
horizontal line
constant

$$
\mathrm{y}=\mathrm{c}
$$

Absolute Value Functions


$$
y=a|x-6|+6
$$

Radical Functions
square root

$y=a \sqrt{x-h}+k$


