

11/8

Name _____

Transformation Homework

For each a, h, & k value describe the transformation.

① $f(x) = 3(x-2)^2 + 5$

Family Name:

a:

h:

k:

② $f(x) = -\frac{1}{2}\sqrt{x+3} - 5$

Family Name:

a:

h:

k:

③ $f(x) = 6|x+11| - 3$

Family Name:

a:

h:

k:

④ $f(x) = \log(x-4) + 3$

Family Name:

a:

h:

k:

⑤ $f(x) = -2\sqrt[3]{x+5}$

Family Name:

a:

b:

c:

⑥ $f(x) = -x^3 + 4$

Family Name:

a:

h:

k: