**Quadratic Functions:**

**Translation/ Changing:**

y=a[b(x-c)]2+ d

1. (B) Dilated parallel to the x-axis, scale factor 1/b
* (reflected in the y-axis if ‘b’ is negative)
1. (C) Translated c units
* (if c is negative, translated left)
1. (A) Dilated parallel to the y-axis, scale factor *a*
* (reflected in x-axis if ‘a’ is negative)
1. (D) Translated vertically upwards *d* units
* (if d is negative, translated downwards)