

KEY

Determine the transformations of an exponential function.

1. vertical stretch: 2
horizontal shift: right 2
vertical shift: up 1
2. vertical reflection
vertical stretch: 4
horizontal shift: right 2
vertical shift: down 1
3. vertical reflection
vertical stretch: 5
horizontal shift: right 2
vertical shift: down 3
4. vertical reflection
vertical stretch: 3
horizontal shift: right 1
vertical shift: up 4
5. vertical stretch: 5
horizontal shift: right 1
vertical shift: up 2
6. vertical reflection
vertical stretch: 2
horizontal shift: left 2
vertical shift: up 7
7. vertical reflection
vertical stretch: $\frac{1}{3}$
horizontal shift: left 2
vertical shift: down 2
8. vertical stretch: 2
horizontal shift: left 1
vertical shift: down 3
9. vertical reflection
vertical stretch: 2
horizontal shift: left 3
vertical shift: down 4
10. vertical reflection
vertical stretch: $\frac{1}{4}$
horizontal shift: right 3
vertical shift: up 4