

Transformations of Radical Functions

Date _____ Period _____

Identify the transformations of the parent radical functions.

1) $y = \sqrt{x+6}$

2) $y = 2\sqrt{x} - 5$

3) $y = \sqrt{x}$

4) $y = \sqrt[3]{x} - 3$

5) $y = \sqrt{\frac{4x}{9}}$

6) $y = \sqrt{x+3} + 3$

7) $y = \sqrt{x} + 2$

8) $y = 4\sqrt{x-3} - 2$

9) $y = -\frac{1}{2}\sqrt[3]{x} - 1$

10) $y = \frac{1}{2}\sqrt{x+6} - 4$