Integrated Math 3

Name_____

Range and Domain of Radical Functions

Date_____ Period____

Identify the domain and range of each.

1) $y = 4 + \sqrt{x + 6}$

2) $y = \dfrac{2}{5}\sqrt{x + 1} - 2$

3) $y = \sqrt{x + 1} - 3$

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

5) $y = \dfrac{3}{5}\sqrt{x + 5} - 2$

6) $y = \sqrt{x - 4}$

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

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

9) $y = 3\sqrt{x + 2} - 3$

10) $y = 3\sqrt[3]{x + 3} + 1$

11) $y = 2 + \sqrt[3]{x - 4}$

12) $y = \sqrt{x - 1} - 3$

13) $y = \sqrt{x + 1} - 2$

14) $y = \sqrt[3]{x - 2} - 4$