F.IF.C.7: Graphing Root Functions 1

1 Which graph represents \( y = \sqrt{x - 2} \)?

2 Draw the graph of \( y = \sqrt{x} - 1 \) on the set of axes below.

3 Graph \( f(x) = \sqrt{x + 2} \) over the domain \(-2 \leq x \leq 7\).
4. Graph the function \( g(x) = \sqrt{x + 3} \) on the set of axes below.

5. Graph the function \( y = -\sqrt{x + 3} \) on the set of axes below.

6. Graph \( f(x) = -\sqrt{x} + 1 \) on the set of axes below.
F.IF.C.7: Graphing Root Functions 1
Answer Section

1 ANS: 4 REF: 061703ai

2 ANS: 

REF: 061425ai

3 ANS: 

REF: 061825ai

4 ANS: 

REF: 012325ai
5 ANS:

REF: 081625ai

6 ANS:

REF: 012025ai