

Pre-Calculus 12 Chapter 2 Review

Answer Section

MULTIPLE CHOICE

1. ANS: B PTS: 1 DIF: Easy OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: graph | vertical stretch | reflection
2. ANS: A PTS: 1 DIF: Average OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: horizontal translation | vertical translation
3. ANS: C PTS: 1 DIF: Average OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: horizontal translation | vertical translation
4. ANS: C PTS: 1 DIF: Difficult OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: horizontal translation | vertical translation | vertical stretch | horizontal stretch | graph | reflection
5. ANS: D PTS: 1 DIF: Difficult OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: horizontal translation | vertical translation
6. ANS: D PTS: 1 DIF: Average OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: graph | horizontal translation | vertical translation | reflection
7. ANS: C PTS: 1 DIF: Easy OBJ: Section 2.2
NAT: RF13 TOP: Square Root of a Function KEY: domain | range
8. ANS: A PTS: 1 DIF: Average OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: graph | horizontal stretch | reflection
9. ANS: C PTS: 1 DIF: Difficult OBJ: Section 2.1
NAT: RF13 TOP: Radical Functions and Transformations
KEY: invariant points
10. ANS: D PTS: 1 DIF: Average OBJ: Section 2.2
NAT: RF13 TOP: Square Root of a Function KEY: graph
11. ANS: D PTS: 1 DIF: Average OBJ: Section 2.2
NAT: RF13 TOP: Square Root of a Function KEY: graph
12. ANS: B PTS: 1 DIF: Easy OBJ: Section 2.2
NAT: RF13 TOP: Square Root of a Function KEY: graph | square root of a function
13. ANS: D PTS: 1 DIF: Average OBJ: Section 2.2
NAT: RF13 TOP: Square Root of a Function KEY: graph | square root | of a function
14. ANS: C PTS: 1 DIF: Average OBJ: Section 2.3
NAT: RF13 TOP: Solving Radical Equations Graphically
KEY: graphical solution
15. ANS: A PTS: 1 DIF: Average OBJ: Section 2.3
NAT: RF13 TOP: Solving Radical Equations Graphically
KEY: graphical solution

16. ANS: C PTS: 1 DIF: Easy OBJ: Section 2.3
 NAT: RF13 TOP: Solving Radical Equations Graphically
 KEY: graphical solution
17. ANS: B PTS: 1 DIF: Easy OBJ: Section 2.3
 NAT: RF13 TOP: Solving Radical Equations Graphically
 KEY: graphical solution
18. ANS: B PTS: 1 DIF: Difficult OBJ: Section 2.3
 NAT: RF13 TOP: Solving Radical Equations Graphically
 KEY: graphical solution
19. ANS: D PTS: 1 DIF: Difficult OBJ: Section 2.3
 NAT: RF13 TOP: Solving Radical Equations Graphically
 KEY: algebraic solution | extraneous roots
20. ANS: B PTS: 1 DIF: Average OBJ: Section 2.1
 NAT: RF13 TOP: Radical Functions and Transformations
 KEY: domain | range

SHORT ANSWER

1. ANS:
4

PTS: 1 DIF: Difficult OBJ: Section 2.3 NAT: RF13
 TOP: Solving Radical Equations Graphically KEY: algebraic solution

2. ANS:
No solution

PTS: 1 DIF: Difficult OBJ: Section 2.3 NAT: RF13
 TOP: Solving Radical Equations Graphically KEY: algebraic solution

3. ANS:
-1

PTS: 1

4. ANS:
5.81 and -1.81

PTS: 1

5. ANS:
3

PTS: 1