

PC 12 Chapter 5 Review

Answer Section

MULTIPLE CHOICE

1. ANS: A PTS: 1 DIF: Easy OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: graph | sinusoidal function
2. ANS: A PTS: 1 DIF: Easy OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: range | sinusoidal function
3. ANS: C PTS: 1 DIF: Easy OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: period | sinusoidal function
4. ANS: B PTS: 1 DIF: Average OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: amplitude | period | sinusoidal function
5. ANS: C PTS: 1 DIF: Difficult OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: graph | amplitude | period | sinusoidal function
6. ANS: C PTS: 1 DIF: Difficult OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: graph | amplitude | period | sinusoidal function
7. ANS: D PTS: 1 DIF: Average OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: function | amplitude | period | sinusoidal function
8. ANS: A PTS: 1 DIF: Average OBJ: Section 5.1
NAT: T4 TOP: Graphing Sine and Cosine Functions
KEY: function | amplitude | period | sinusoidal function
9. ANS: B PTS: 1 DIF: Easy OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: translation | primary trigonometric function
10. ANS: D PTS: 1 DIF: Average OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: amplitude | sinusoidal function
11. ANS: C PTS: 1 DIF: Average OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: period | sinusoidal function
12. ANS: A PTS: 1 DIF: Average OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: phase shift | sinusoidal function
13. ANS: D PTS: 1 DIF: Average OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: graph | sinusoidal function | transformation
14. ANS: C PTS: 1 DIF: Average OBJ: Section 5.2
NAT: T4 TOP: Transformations of Sinusoidal Functions
KEY: graph | sinusoidal function | transformation

15. ANS: D PTS: 1 DIF: Difficult OBJ: Section 5.2
 NAT: T4 TOP: Transformations of Sinusoidal Functions
 KEY: transformations | equation | properties | sinusoidal function
16. ANS: A PTS: 1 DIF: Easy OBJ: Section 5.3
 NAT: T4 TOP: The Tangent Function KEY: graph | tangent function
17. ANS: D PTS: 1 DIF: Easy OBJ: Section 5.3
 NAT: T4 TOP: The Tangent Function KEY: asymptote | tangent function
18. ANS: B PTS: 1 DIF: Difficult + OBJ: Section 5.3
 NAT: T4 TOP: The Tangent Function KEY: zeros | transformation
19. ANS: A PTS: 1 DIF: Average OBJ: Section 5.3
 NAT: T4 TOP: The Tangent Function KEY: undefined | tangent function
20. ANS: A PTS: 1 DIF: Average OBJ: Section 5.3
 NAT: T4 TOP: The Tangent Function KEY: coordinate | tangent function
21. ANS: B PTS: 1 DIF: Easy OBJ: Section 5.4
 NAT: T4 TOP: Equations and Graphs of Trigonometric Functions
 KEY: amplitude | sinusoidal function
22. ANS: C PTS: 1 DIF: Average OBJ: Section 5.4
 NAT: T4 TOP: Equations and Graphs of Trigonometric Functions
 KEY: period | sinusoidal function
23. ANS: D PTS: 1 DIF: Average OBJ: Section 5.4
 NAT: T4 TOP: Equations and Graphs of Trigonometric Functions
 KEY: maximum | sinusoidal function
24. ANS: C PTS: 1 DIF: Easy OBJ: Section 5.4
 NAT: T4 TOP: Equations and Graphs of Trigonometric Functions
 KEY: minimum | sinusoidal function
25. ANS: C PTS: 1 DIF: Easy OBJ: Section 5.4
 NAT: T4 TOP: Equations and Graphs of Trigonometric Functions
 KEY: period | sinusoidal function