

Study Guide 18, Course 2

Answer Section

MULTIPLE CHOICE

- ANS: D PTS: 1 REF: Lesson 17: Measuring Angles with a Protractor
NAT: NCTM ME.2b MSC: C2_S02_00051
- ANS: C PTS: 1 REF: Lesson 70: Volume
NAT: NCTM PS.1c | NCTM AL.2c | NCTM ME.2d TOP: Benchmark Test 3
MSC: C2_S07_00060
- ANS: D PTS: 1 REF: Lesson 65: Circumference and Pi
NAT: NCTM ME.2c MSC: C2_S07_00006
- ANS: A PTS: 1
REF: Lesson 71: Finding the Whole Group When a Fraction Is Known
NAT: NCTM NO.2a | NCTM NO.3a | NCTM AL.2a | NCTM AL.2c
TOP: Benchmark Test 3 MSC: C2_S08_00069
- ANS: B PTS: 1
REF: Lesson 90: Mixed-Number Coefficients; Negative Coefficients
NAT: NCTM AL.2c MSC: C2_S09_00036
- ANS: C PTS: 1 REF: Lesson 87: Multiplying Algebraic Terms
NAT: NCTM AL.2d MSC: C2_S09_00050
- ANS: C PTS: 1 REF: Lesson 47: Powers of 10
NAT: NCTM NO.3b | NCTM PS.1c TOP: Benchmark Test 2
MSC: C2_S05_00075
- ANS: A PTS: 1 REF: Lesson 48: Fraction-Decimal-Percent Equivalents
NAT: NCTM NO.1a MSC: C2_S05_00057
- ANS: C PTS: 1 REF: Lesson 53: Ratio Word Problems
NAT: NCTM NO.3d MSC: C2_S06_00021
- ANS: C PTS: 1
REF: Investigation 8: Probability and Odds; Compound Events; Experimental Probability
NAT: NCTM NO.1a | NCTM NO.2a | NCTM NO.3a | NCTM DP.4c | NCTM DP.3b
TOP: Benchmark Test 3 MSC: C2_S08_00068
- ANS: C PTS: 1
REF: Lesson 75: Area of a Complex Figure; Area of a Trapezoid
NAT: NCTM AL.2c | NCTM ME.1c TOP: Benchmark Test 3
MSC: C2_S08_00071
- ANS: C PTS: 1 REF: Lesson 77: Percent of a Number, Part 2
NAT: NCTM AL.2c MSC: C2_S08_00008
- ANS: B PTS: 1 REF: Lesson 81: Using Proportions to Solve Percent Problems
NAT: NCTM NO.1a | NCTM AL.2a | NCTM AL.2c TOP: Benchmark Test 3
MSC: C2_S09_00061
- ANS: D PTS: 1 REF: Lesson 83: Multiplying Numbers in Scientific Notation
NAT: NCTM PS.1c TOP: End-of-Course Exam
MSC: C2_S09_00065

NUMERIC RESPONSE

15. ANS: 1.58

PTS: 1 REF: Investigation 7: Balanced Equations
NAT: NCTM PS.1c | NCTM AL.2a TOP: Cumulative Test 16
MSC: C2_S07_00092

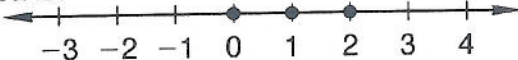
16. ANS: 2

PTS: 1 REF: Lesson 85: Order of Operations with Positive and Negative Numbers
NAT: NCTM NO.2a MSC: C2_S09_00023

PROBLEM

17. ANS:
35°, 145°, 35°

PTS: 1 REF: Lesson 40: Sum of the Angle Measures of a Triangle; Angle Pairs
NAT: NCTM GM.1a | NCTM PS.1c TOP: Cumulative Test 9
MSC: C2_S04_00148

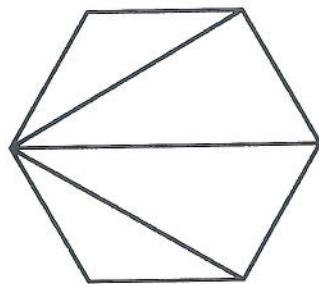
18. ANS:


PTS: 1 REF: Lesson 86: Number Families NAT: NCTM NO.1a | NCTM CM.1b
TOP: Cumulative Test 19 MSC: C2_S09_00089

19. ANS:
 $4 \text{ ft}^2 \cdot \frac{12 \text{ in.}}{1 \text{ ft}} \cdot \frac{12 \text{ in.}}{1 \text{ ft}} = 576 \text{ in.}^2$

PTS: 1 REF: Lesson 88: Multiple Unit Multipliers
NAT: NCTM AL.2c | NCTM CN.1c TOP: Cumulative Test 23
MSC: C2_S09_00092

20. ANS:
3 diagonals



PTS: 1 REF: Lesson 89: Diagonals; Interior Angles; Exterior Angles
NAT: NCTM GM.1a | NCTM CN.1c TOP: Cumulative Test 18
MSC: C2_S09_00093