

Cumulative Test Review 17

Answer Section

MULTIPLE CHOICE

- ANS: A PTS: 1 REF: Lesson 82: Graphing Equations Using Intercepts
NAT: NCTM NO.1a | NCTM NO.1g MSC: C3_S09_00005
- ANS: B PTS: 1 REF: Lesson 83: Probability of Dependent Events
NAT: NCTM GM.4b | NCTM ME.2d MSC: C3_S09_00024
- ANS: B PTS: 1 REF: Lesson 71: Percent Change of Dimensions
NAT: NCTM AL.1a MSC: C3_S08_00002
- ANS: B PTS: 1 REF: Lesson 72: Multiple Unit Multipliers
NAT: NCTM NO.2c MSC: C3_S08_00003
- ANS: D PTS: 1 REF: Lesson 75: Area of a Trapezoid
NAT: No Correlation MSC: C3_S08_00009
- ANS: C PTS: 1 REF: Lesson 67: Percent of Change
NAT: NCTM NO.2a | NCTM NO.3b | NCTM NO.3c TOP: End-of-Course Exam
MSC: C3_S07_00051
- ANS: A PTS: 1 REF: Lesson 69: Direct Variation
NAT: NCTM NO.3d | NCTM AL.2b | NCTM AL.4a | NCTM ME.2e | NCTM ME.2f | NCTM AL.2d | NCTM
AL.3a TOP: End-of-Course Exam MSC: C3_S07_00054
- ANS: B PTS: 1 REF: Lesson 51: Negative Exponents; Scientific Notation for Small Numbers
NAT: NCTM NO.1b | NCTM NO.1e TOP: End-of-Course Exam
MSC: C3_S06_00054
- ANS: B PTS: 1 REF: Lesson 50: Solving Multi-Step Equations
NAT: NCTM NO.2a | NCTM AL.3a TOP: Benchmark Test 2
MSC: C3_S05_00065
- ANS: B PTS: 1 REF: Lesson 50: Solving Multi-Step Equations
NAT: NCTM NO.2a | NCTM AL.3a TOP: End-of-Course Exam
MSC: C3_S05_00067
- ANS: A PTS: 1 REF: Lesson 31: Adding Integers; Collecting Like Terms
NAT: NCTM NO.3c | NCTM CN.3 TOP: End-of-Course Exam
MSC: C3_S04_00057

NUMERIC RESPONSE

- ANS: \$1.60

PTS: 1 REF: Lesson 84: Selecting an Appropriate Rational Number
NAT: NCTM NO.1b | NCTM NO.3d TOP: Cumulative Test 19
MSC: C3_S09_00065
- ANS: 301.44

PTS: 1 REF: Lesson 85: Surface Area of Cylinders and Prisms
NAT: NCTM GM.4b | NCTM GM.4c | NCTM ME.2d TOP: Cumulative Test 21
MSC: C3_S09_00069

14. ANS: 602.88

PTS: 1 REF: Lesson 76: Volumes of Prisms and Cylinders
NAT: NCTM GM.4b | NCTM ME.2d | NCTM ME.2e TOP: Cumulative Test 21
MSC: C3_S08_00070

15. ANS: 99

PTS: 1 REF: Lesson 73: Formulas for Sequences
NAT: NCTM NO.3d | NCTM AL.2d | NCTM AL.3a | NCTM AL.1a
TOP: Cumulative Test 15 MSC: C3_S08_00061

16. ANS: 4

PTS: 1 REF: Lesson 79: Transforming Formulas
NAT: NCTM AL.2d | NCTM AL.3a | NCTM PS.3 TOP: Cumulative Test 16
MSC: C3_S08_00071

17. ANS: 0

PTS: 1 REF: Lesson 36: Multiplying and Dividing Integers; Multiplying and Dividing Terms
NAT: NCTM NO.3b TOP: Cumulative Test 9
MSC: C3_S04_00089

PROBLEM

18. ANS:

$$x > -2$$



PTS: 1 REF: Lesson 77: Inequalities with Negative Coefficients
NAT: NCTM NO.3b | NCTM PS.3 TOP: Cumulative Test 16
MSC: C3_S08_00078

19. ANS:

$$8\sqrt{5}$$

PTS: 1 REF: Lesson 78: Products of Square Roots
NAT: NCTM NO.3a | NCTM GM.4d | NCTM PS.3 TOP: Cumulative Test 21
MSC: C3_S08_00081

20. ANS:

$$CE = 13 \text{ cm}, EF = 6 \text{ cm}, FB = 15 \text{ cm}$$

PTS: 1 REF: Investigation 2: Pythagorean Theorem
NAT: NCTM NO.3a | NCTM GM.4e | NCTM GM.4d | NCTM PS.3
TOP: Cumulative Test 17 MSC: C3_S02_00106