

Cumulative Review

Chapter 1

Multiple Choice

For Exercises 1–10, choose the correct letter.

- Which property is illustrated by $(3 + 5) + 7 = 3 + (5 + 7)$? **B**
 - Additive Identity
 - Associative Property of Addition
 - Commutative Property of Addition
 - Distributive Property
- Which algebraic expression represents the statement “4 more than the product of 6 and a number”? **I**
 - $4n + 6$
 - $6 - 4n$
 - $4 - 6n$
 - $6n + 4$
- What is the value of $-9 + (2^3 - 3^2)$? **B**
 - 26
 - 10
 - 8
 - 4
- What is the value of $\sqrt{49}$? **G**
 - $\sqrt{7}$
 - 7
 - 14
 - 49
- What is the order of the numbers $\sqrt{12}$, -3.5 , $\frac{5}{3}$, $-\frac{2}{3}$ from least to greatest? **D**
 - $\sqrt{12}$, -3.5 , $\frac{5}{3}$, $-\frac{2}{3}$
 - $\sqrt{12}$, $\frac{5}{3}$, $-\frac{2}{3}$, -3.5
 - -3.5 , $-\frac{2}{3}$, $\sqrt{12}$, $\frac{5}{3}$
 - -3.5 , $-\frac{2}{3}$, $\frac{5}{3}$, $\sqrt{12}$
- Which ordered pair is not a solution of $y = 2x + 1$? **H**
 - (3, 7)
 - (0, 1)
 - (-1, 1)
 - (-3, -5)
- Which expression is equivalent to $-3.2(2x - 2.1)$? **A**
 - $-6.4x + 6.72$
 - $-6.4x - 6.72$
 - $6.4x + 6.72$
 - $-6.4x + 2.1$
- Toby purchased 5 tickets online for a show. The tickets cost \$12 each plus there was a \$3.50 service fee for the order. How much money did Toby spend for the tickets? **I**
 - \$15.50
 - \$51.50
 - \$60
 - \$63.50
- What is the value of $3^3 - (4^2 - 2^3)$? **C**
 - 1
 - 7
 - 19
 - 35
- Which expression is equivalent to $4(2x + 1) - (-6x)$? **F**
 - $14x + 4$
 - $8x - 2$
 - $2x + 4$
 - $-14x - 4$

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