Name_____ Period _____ Date _____

6-6, 6-7, 6-8 PRE-ASSESSMENT

1. Roger, who is 5 feet tall, is standing next to a tree that is 4 times as tall as him. Which expression can be used to find the sum of the heights of Roger and the tree? Choose ALL that apply.

   A. 4(5) B. 4(5) + 5 C. 5(5) D. 4 + 5

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2. Choose ALL of the FALSE statements.

   A. $\frac{2}{3} < \frac{8}{12}$ B. $\frac{4}{9} = \frac{5}{10}$ C. $3(9 - 5) = 3(9) - 5$ D. $4 \cdot \frac{2}{9} = 2 \cdot \frac{4}{9}$

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3. Jay threw a ball 9 yards. Dee threw the ball three times as far as Jay. Choose ALL expressions that can be used to determine the distance that Dee threw.

   A. $\frac{9}{3}$ B. 3×9 C. $d + 3 = 9$ D. 9×3

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4. Choose ALL expressions that have the same value as $12 \times (5 + 2)$.

   A. $(12 \times 5) + 2$ B. $12 \times 5 + 2$ C. $5 + 2 \times 12$ D. $(12 \times 5) + (12 \times 2)$

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5. Compute. 0.37 + 25 + 8.8

   A. 1.50 B. 9.42 C. 33.17 D. 34.17

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6. In April, Heidi jogged a total of 85.4 miles. In May, she jogged a total of 113.04 miles. How many more miles did Heidi jog in May than in April?

   A. 1.54 miles B. 15.4 miles C. 26.64 miles D. 27.64 miles

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7. Compute. $4.2 \div 1.4$

   A. 30 B. 3 C. 0.3 D. 0.03

Name_____ Period _____ Date _____

6-6, 6-7, 6-8 PRE-ASSESSMENT
Continued

8. Denise swims 0.70 miles during swim practice. How many miles did she swim in 7 practices?

   A. 7.70 miles B. 0.77 miles C. 0.49 miles D. 4.9 miles

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9. Choose ALL of the following that describe the numerical pattern: 3, 6, 9, 12…

   A. skip count by 3's
   B. multiples of 3
   C. start with 3 and add 3 each time
   D. odd numbers starting with 3

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10. Choose ALL of the following that describe the point (1, 5).

    A. From the origin (0, 0), it is 1 unit up and 5 units right.
    B. From the origin (0, 0), it is 1 unit right and 5 units up.
    C. It is to the right of (1, 6).
    D. It is below (1, 6).

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11. Choose ALL of the following that describe the relationship between points (0, 0) and (2, 0).

    A. (2, 0) is to the right of (0, 0).
    B. (2, 0) above (0, 0).
    C. (2, 0) is to the left of (0, 0).
    D. (2, 0) is below (0, 0).
