PARCC TEST PREP

Lesson Check (MACC.4.OA.1.3)

1. What is the value of n?

$9 \times 23 + 3 \times 39 - 28 = n$

Ⓐ 240

Ⓑ 296

Ⓒ 2,310

Ⓓ 8,162

2. Which expression has a value of 199?

Ⓐ $4 \times 28 + 6 \times 17 - 15$

Ⓑ $4 \times 17 + 6 \times 28 - 38$

Ⓒ $4 \times 38 + 6 \times 15 - 28$

Ⓓ $4 \times 15 + 6 \times 38 - 88$

Spiral Review (MACC.4.OA.1.1, MACC.4.NBT.2.5)

3. Which expression shows how you can multiply 9×475 using expanded form and the Distributive Property? (Lesson 2.6)

Ⓐ $(9 \times 4) + (9 \times 7) + (9 \times 5)$

Ⓑ $(9 \times 4) + (9 \times 70) + (9 \times 700)$

Ⓒ $(9 \times 400) + (9 \times 70) + (9 \times 5)$

Ⓓ $(9 \times 400) + (9 \times 700) + (9 \times 500)$

4. Which equation best represents the comparison sentence? (Lesson 2.1)

32 is 8 times as many as 4

Ⓐ $32 = 8 \times 4$

Ⓑ $32 \times 8 = 4$

Ⓒ $32 = 8 + 4$

Ⓓ $8 + 4 = 32$

5. Between which pair of numbers is the exact product of 379 and 8? (Lesson 2.4)

Ⓐ between 2,400 and 2,500

Ⓑ between 2,400 and 2,800

Ⓒ between 2,400 and 3,000

Ⓓ between 2,400 and 3,200

6. Which of the following statements shows the halving and doubling strategy to find 28×50? (Lesson 2.8)

Ⓐ $28 \times 50 = 14 \times 100$

Ⓑ $28 \times 50 = (14 \times 25) \times (14 \times 25)$

Ⓒ $28 \times 50 = (20 \times 50) + (8 \times 50)$

Ⓓ $28 \times 50 = 2 \times (14 \times 25)$

Name _____

Solve Multistep Problems Using Equations

COMMON CORE STANDARD MACC.4.OA.1.3
Use the four operations with whole numbers to solve problems.

Find the value of *n*.

1. $4 \times 27 + 5 \times 34 - 94 = n$

$108 + 5 \times 34 - 94 = n$

$108 + 170 - 94 = n$

$278 - 94 = n$

$184 = n$

2. $7 \times 38 + 3 \times 45 - 56 = n$

_____ $= n$

3. $6 \times 21 + 7 \times 29 - 83 = n$

_____ $= n$

4. $9 \times 19 + 2 \times 57 - 75 = n$

_____ $= n$

5. $5 \times 62 + 6 \times 33 - 68 = n$

_____ $= n$

6. $8 \times 19 + 4 \times 49 - 39 = n$

_____ $= n$

Problem Solving REAL WORLD

7. A bakery has 4 trays with 16 muffins on each tray. The bakery has 3 trays of cupcakes with 24 cupcakes on each tray. If 15 cupcakes are sold, how many muffins and cupcakes are left?

_____

_____

8. Katy bought 5 packages of stickers with 25 stickers in each package. She also bought 3 boxes of markers with 12 markers in each box. If she receives 8 stickers from a friend, how many stickers and markers does Katy have now?

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