
Student Name: _____

Teacher: _____ Date: _____

District: Miami-Dade County Public Schools

Assessment: 07 Mathematics Mathematics Benchmark 3

Description: MAFS.7.EE.1.1 Practice

Form: 201

1. Which expression is equivalent to $(7x - 5) - (3x - 2)$?

- A. $10x - 7$
- B. $10x - 3$
- C. $4x - 7$
- D. $4x - 3$

2. Which expression is equivalent to $4.8 + 2.2w - 1.4w + 2.4$?

- A. $0.4(6 + 2w)$
- B. $0.8(9 + w)$
- C. $1.6(3 + 2w)$
- D. $3.6(2 + w)$

3. The expression below was simplified using two properties of operations.

$$5(11z + 29 + 6z)$$

Step 1: $5(11z + 6z + 29)$

Step 2: $5(17z + 29)$

Step 3: $85z + 145$

Which properties were applied in steps 1 and 3 respectively?

- A. Commutative property, then distributive property
- B. Commutative property, then identity property
- C. Associative property, then distributive property
- D. Associative property, then commutative property

4. Which of the following is equivalent to the expression $\frac{1}{2}x + 4x - \frac{1}{2}x + 60$?

A. $3(x + 20)$

C. $4(x + 60)$

B. $4(x + 15)$

D. $5(x + 12)$

5. Julian will factor the expression $36xyz + 24xy - 16x$. Which possible common factor could Julian use?

A. 2

B. 6

C. 8

D. x

E. $4x$

F. $8x$

G. y

H. $6y$

I. $2xy$