Spiral Review – 7th Grade Math www.FCMScubs.pbworks.com Name: _____
Date: _____ Period: ____

Week 9

1. $36 - (2 \times 6) \div 3 =$

A. 40
B. 32
C. 16
D. 8

MS7 1-5

2. Evaluate the expression $3x - 2$ for $x = 5$.

A. 37
B. 33
C. 17
D. 13

MS7 1-7

3. Identify the property demonstrated below:

$$12 + 19 + 18 = 12 + 18 + 19$$

A. Distributive Property
B. Commutative Property of Addition
C. Identity Property of Addition
D. Associative Property of Addition

MS7 1-6

4. Which problem is solved correctly?

A. $-\frac{1}{2} + -\frac{1}{3} = -\frac{2}{5}$
B. $\frac{6}{11} - \frac{1}{4} = \frac{5}{7}$
C. $-\frac{2}{3} \times -\frac{4}{5} = \frac{8}{15}$
D. $\frac{4}{9} \div \frac{3}{2} = \frac{2}{3}$

MS7 3-8, 3-10, 3-11

5. Instead of subtracting a check for $12.25, Amy added the $12.25 to her balance. Her checkbook now shows a total of $220.40. What should the checkbook balance be?

A. $195.90
B. $205.90
C. $208.15
D. $232.65

MS7 3-2

6. Identify the property demonstrated below:

$$4(2 + 5) = 4 \cdot 2 + 4 \cdot 5$$

A. Commutative Property of Multiplication
B. Associative Property of Addition
C. Distributive Property
D. Identity Property of Multiplication

MS7 1-6

7. Evaluate the expression $5a - 3b$ for $a = 4$ and $b = 3$.

A. 87
B. 29
C. 21
D. 11

MS7 1-7

8. Terry's set of drill bits contains 5 bits. The sizes are $\frac{1}{4}, \frac{3}{8}, \frac{3}{16}, \frac{5}{32}, and\ \frac{5}{16}\ inches.$ Which list shows the fractions in order from smallest to largest?

A. $\frac{1}{4}, \frac{3}{8}, \frac{3}{16}, \frac{5}{16}, \frac{5}{32}$
B. $\frac{5}{32}, \frac{5}{16}, \frac{3}{16}, \frac{3}{8}, \frac{1}{4}$
C. $\frac{3}{8}, \frac{5}{16}, \frac{1}{4}, \frac{3}{16}, \frac{5}{32}$
D. $\frac{5}{32}, \frac{3}{16}, \frac{1}{4}, \frac{5}{16}, \frac{3}{8}$

MS7 2-11

9. Which product is greater than -5 but less than 0?

A. -5 times a negative number
B. -5 times 1
C. -5 times a positive fraction that has a value less than 1
D. -5 times a positive mixed number

MS7 2-4

10. Jimmy bought 3 toys at $7.25 each and 5 notebooks at $2.50 each. How much change should he get from $40.00?

A. $5.00
B. $5.75
C. $5.25
D. $4.75

MS7 3-2
MS7 3-3

Week 9

11. $\left[(4+12\div 4)-2\right]^3 =$

A. 739
B. 125
C. 8
D. 1

MS7 1-5

12. Evaluate the expression $6y^2+2y$ for $y=2$.

A. 3866
B. 148
C. 28
D. 20

MS7 1-7

13. Identify the property represented below.

$$(25\bullet 13)\bullet 5 = 25\bullet(13\bullet 5)$$

A. Distributive Property
B. Commutative Property of Multiplication
C. Identity Property of Multiplication
D. Associative Property of Multiplication

MS7 1-6

14. Last week, income from rentals at Potter's Video was $845.25. Each video rents for $3.45. How many videos did Potter's Video rent?

A. 75
B. 125
C. 145
D. 245

MS7 3-5

15. Add.

$$-333+431=$$

A. -98
B. 98
C. -764
D. 764

MS7 2-2

16. Which of the following correctly uses the order of operations?

A. $6+6^2\cdot 3-4=-144$
B. $12\div 8\cdot 30-10=35$
C. $1+6\cdot 3^3-18=171$
D. $(5-3)^2-3^2+5^2=36$

MS7 1-5

17. Identify the property represented below.

$$34\times 1 = 34$$

A. Distributive Property
B. Commutative Property of Multiplication
C. Associative Property of Multiplication
D. Identity Property of Multiplication

MS7 1-6

18. Evaluate the expression $5y^2+3y$ for $y=2$.

A. 106
B. 94
C. 26
D. 14

MS7 1-7

19. Look at the number sentence that contains two factors being multiplied.

$$5\times 16 = 80$$

Part I: Find the product of the two numbers using a traditional method. (2 point)

Part II: Use the distributive property to demonstrate an alternate method for computing the answer. (4 points)

Part III: Explain how to use the distributive property to solve a problem such as this. Use words and a complete sentence. (4 points)