Spiral Review – 7th Grade Math www.FCMScubs.pbworks.com Name: _____
Date: _____ Period: 2 3 4 5 6 7

Week 17

1. Which value is NOT equal to the absolute value of -50?

A. $|-50|$
B. $|50|$
C. 50
D. -50

MS7 2-1

2. The table shows the highest and lowest elevations in Louisiana.

Location	Elevation (in feet)
Driskill Mountain	535
New Orleans	-8

What is the difference of the highest and lowest elevations?

A. -543
B. -527
C. 527
D. 543

MS7 2-3

3. Evaluate $|-6|-|2|$.

A. 8
B. -8
C. 4
D. -4

MS7 2-1, 2-3

4. For membership to a certain labor union, it costs \$150 to join and \$28 per month of membership. If you pay \$290 up front, which equation could be used to determine the number of months you will have paid for?

A. $290 = 150m + 28$
B. $28 + 290m = 150$
C. $150 = 290 + 28m$
D. $150 + 28m = 290$

MS7 12-1

5. Divide. $-336 \div 56 =$

A. -6
B. -5
C. 5
D. 6

MS7 2-4

6. What integer is described below?

The absolute value of a number is 5, and the number lies to the left of 0 on the number line.

A. -5
B. 5
C. $|-5|$
D. $|5|$

MS7 2-1

7. The table shows the times of the different parts of Sarah's flight from Dallas to New York.

Flight Part	Time (in hours)
Dallas to Chicago	2
Layover in Chicago	$1\frac{5}{6}$
Chicago to New York	$2\frac{1}{2}$

How long in all did it take Sarah to go from Dallas to New York?

A. $4\frac{1}{3}\ hours$
B. $5\frac{1}{3}\ hours$
C. $5\frac{3}{4}\ hours$
D. $6\frac{1}{3}\ hours$

MS7 2-2

8. Find the product.

$(-3) \cdot (-8) \cdot (-7) \cdot (-19) =$

A. $-3{,}192$
B. $-2{,}312$
C. $2{,}438$
D. $3{,}192$

MS7 2-4

9. At 10:00 a.m. the temperature was 52°F. For the next 3 hours, the temperature went up x°F per hour. Which expression represents the temperature in degrees Fahrenheit at 1:00 p.m.?

A. $52 + 3x$
B. $52 - 3x$
C. $52 = 3x$
D. $(52 + x)^3$

MS7 1-9

10. Add. $-564 + 583 =$

A. $-1{,}147$
B. -19
C. 19
D. $1{,}147$

MS7 2-2

Week 17

11. Which expression is equivalent to $4(-5+3)^2+(7-3)^3$?

A. -13
B. 80
C. 72
D. 20

MS7 1-9

12. What is the solution to the equation…
$5x+16=41$?

A. $x=2$
B. $x=3$
C. $x=5$
D. $x=11.4$

MS7 12-1

13. In $^2/_3$ of an hour, you can paint $^1/_4$ of a wall. How much can you paint in 1 hour?

A. $\frac{^1/_6\ wall}{1\ hour}$
B. $\frac{^3/_4\ wall}{1\ hour}$
C. $\frac{^3/_8\ wall}{1\ hour}$
D. $\frac{2^2/_3\ hours}{1\ wall}$

MS7 5-2

14. It takes you $^3/_8$ of an hour to walk $^9/_{10}$ of a mile. How far can you walk in 1 hour?

A. $\frac{2^2/_5\ miles}{1\ hour}$
B. $\frac{^{27}/_{80}\ miles}{1\ hour}$
C. $\frac{^5/_{12}\ hour}{1\ mile}$
D. $\frac{7^1/_5\ miles}{1\ hour}$

MS7 5-2

15. In $^3/_4$ of an hour, you can drive $^1/_2$ of the distance from *San Jose* to *Berkeley*. What fraction of the distance have you gone after 1 hour?

A. $\frac{^3/_8\ distance}{1\ hour}$
B. $\frac{2\ distance}{1\ hour}$
C. $\frac{1^1/_2\ hours}{1\ distance}$
D. $\frac{^2/_3\ distance}{1\ hour}$

MS7 5-2

16. Evaluate b^3+6 if $b=2$.

A. 12
B. 14
C. 15
D. 512

MS7 1-7

17. What value of x makes the equation true?
$\frac{x}{4}-10=18$

A. $x=112$
B. $x=7$
C. $x=32$
D. $x=2$

MS7 12-1

18. In 5 minutes, you are able to jump rope 80 times. How many times can you jump rope in one minute?

A. $\frac{400\ jumps}{1\ minute}$
B. $\frac{16\ jumps}{1\ minute}$
C. $\frac{^1/_{16}\ minute}{1\ jump}$
D. $\frac{1\ minute}{80\ jumps}$

MS7 5-2

19. After running really fast, you wanted to test your pulse. You timed yourself for 3 minutes and counted 288 beats. How many times was your heart beating per minute?

A. $\frac{864\ beats}{1\ minute}$
B. $\frac{^1/_{96}\ minutes}{1\ beat}$
C. $\frac{96\ beats}{1\ minute}$
D. $\frac{1\ minute}{288\ beats}$

MS7 5-2

20. It took you 30 minutes to read 5 pages of <u>*House of the Scorpion.*</u> Based on this information, how long did it take you to read each page?

A. $\frac{6\ minutes}{1\ page}$
B. $\frac{150\ minutes}{1\ page}$
C. $\frac{^1/_6\ pages}{1\ minute}$
D. $\frac{5\ pages}{1\ minute}$

MS7 5-2