Please fill out your binder reminder and then clear everything off your desk except a red pen.

## M7 Chapter 3 End of Chapter Test – Integers

## Write the integer that represents each situation.

1. a loss of 15 yards

-15

(3 points)

a raise of \$45

(3 points)

| -43 | =

43

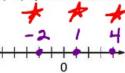
(3 points)

|-4|+|5|= 4+5=9

(3 points)

(3 points)

6. Graph the set of integers {1, -2, 4} on a number line. Use dots and label.



(3 points)

7. A turtle dives towards deeper water at a rate of 8 inches per second. It continues diving for a total of 16 seconds. Which expression represents this situation? [remember, answers A and B show multiplication]

- A. 16(-8)
- B. -16(-8) C. 16 ÷ 8

(3 points)

- 26
- 5
8. Marisol owes her mother \$26. Then she borrows another \$5 to pay for lunch. Which expression represents this situation?



- A. -26 + (-5)
- B. -26 + 5
- C. 26 + (-5) D. 26 + 5

(3 points)

9. When Kiley started skiing it was 10° (degrees) below zero. By lunch it had warmed up to 19° (degrees) above zero. What integer represents the difference in temperatures? D. 29° 19



- A. -29°
- B. −9° C. 9°

- (3 points)
- 10. Luisa is 43 feet underground touring a cavern. She climbs a ladder up 14 feet. Which integer represents is her new location? -43+14=-29



- A. -43 feet
- B. −14 feet
- C. -29 feet
- D. -57 feet

(3 points)

Evaluate (solve) this expression:



=4+(-6)=-10

(3 points)

Evaluate (solve) each expression:	
123 + 12 = +/2 -3 0 9	9 (3 points)
13. $-6-8=$ $-6+(-8)=-14$ $-8$ $+8$ $-(-8)$ $-(-8)$ $-(-8)$	- 14 (3 points)
14. $-1-(-5) = -(-5) \circ R + 5$ -(+5) = 4	L/ (3 points)
15. 4(-3) = [this shows 4 times 3]	- /2 (3 points)
16. $\frac{-12}{-3} = [remember fractions show division]$	4 (3 points)
17. Jean saved up \$750 for summer vacation. If she spends \$30 a week for nine weeks, how much money does she have left from her savings? Show how you got your answer:  17. Jean saved up \$750 for summer vacation. If she spends  28. 750  270  480  5750	\$ 480 (3 points)
What is the value of each expression if $m = -3$ , $n = 8$ , and $p = -1$ ?  18. $np$ [this means $n$ times $p$ ]	- 8 (3 points)
19. 9+m 9+(-3) = 6	(3 points)
20. $\frac{-18}{m}$ $\frac{-18}{-3} = 6$	6 (3 points)
	(=