

Due On Review Day: _____ SHOW ALL YOUR WORK!

Evaluate.

$$1. |-16| + |-29| = 45$$

$$3. |0| + |-27| = 27$$

$$5. -|-15 + 20| = -5$$

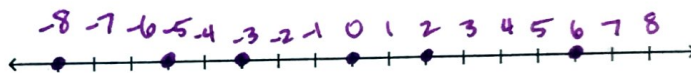
$$2. |3| - |-12| = -9$$

$$4. |-16 + 5| = 11$$

$$6. |15 - 12| = 3$$

7. Graph the following set of numbers on the number line below.

$$\{-8, 6, -3, 2, 0, -5\}$$



8. Order the following set of integers from LEAST to GREATEST.

$$\{-8, 12, -17, 0, 3, -6, 5, 2\} \quad \underline{-17}, \underline{-8}, \underline{-6}, \underline{0}, \underline{2}, \underline{3}, \underline{5}, \underline{12}$$

Evaluate each of the following.

$$9. -17 + (-28) = -45$$

$$14. -6 - (-9) = 3$$

$$19. -7 - 4 = -11$$

$$10. -25 + 16 = -9$$

$$15. -21 - 38 = -59$$

$$20. -7(-4) = 28$$

$$11. 18 + (-4) = 14$$

$$16. -84 - 10 + (-6) = -100$$

$$21. (-6)(11) = -66$$

$$12. -13 + 20 = 7$$

$$17. 12 + (-48) - 5 = -41$$

$$22. 81 \div (-9) = -9$$

$$13. 30 - 48 = -18$$

$$18. 5(-8) = -40$$

$$23. -25 \div -5 = 5$$

Int 1**Review Sheet****Unit 1**

Evaluate each of the following.

24. $-36 \div 3 = -12$

27. $3 + (-9) + (-12) = -18$

30. $(-1)(-5)(-7) = -35$

25. $19 - (-8) = 27$

28. $(-9)^2 = 81$

31. $4 \cdot (-5) - (2 \cdot 4 - 3) = -25$

26. $-9 - (-9) = 0$

29. $6(2) - 4(4) = -4$

32. State the Order of Operations.

1st: Grouping Symbols2nd: Exponents3rd: Multiply or Divide (Left to Right)4th: Add or Subtract (Left to Right)

Evaluate the following using Order of Operations. SHOW ALL WORK!

33. $15 \div 3 + 48 \div (-4)^2 =$

$5 + 48 \div 16$

$5 + 3$

8

35. $26 \div 2 + 3 \cdot 4 =$

$13 + 12$

25

37. $10 - 12 \div (-4) + 6 \cdot 2 =$

$10 - -3 + 12$

$13 + 12$

25

34. $\frac{18 + 66}{35 - 14} = \frac{84}{21} = 4$

36. $35 - 3(5 - 2)^2 + 20 \div 4 =$

$35 - 3(3)^2 + 5$

$35 - 3(9) + 5$

$35 - 27 + 5$

13

38. $(-3)^3 \div 9 - 2 + 6 \div 2 =$

$27 \div 9 - 2 + 3$

$3 - 2 + 3$

4

Evaluate the following.

39. $5^2 = 25$

40. $2^4 = 16$

41. $(-4)^3 = -64$

42. $(-8)^2 = 64$

43. $1^5 = 1$

44. $4^0 = 1$

Int 1

Review Sheet

Unit 1

Write the integer that represents each situation.

45. Debt of \$80

-80

46. Withdrawal of \$100

-100

47. Ascended 322 feet

322

Circle the mistake in each problem and solve correctly.

48. $-7 \cdot 4 - 2^1 + 10$
 $-28 - 2^1 + 10$
 $-28 - 1 + 10$
 $-29 + 10$
 $= -19$

Correction
 $-28 - 2 + 10$
 $-30 + 10$
 $= -20$

49. $-|9 - 3| + 8$
 $-(9 + 3) + 8$
 $-|12| + 8$
 $-12 + 8$
 $= -4$

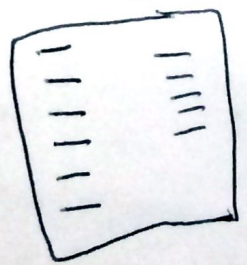
Correction
 $-|6| + 8$
 $-6 + 8$
 $= 2$

-6-5

50. Provide a visual representation or real-world explanation for ~~6-5~~.

- Lose yards on a football field Lose 6 yards then lose 5 more. Lost 11 yards.
- Diving - Dove 6 feet then 5 more. Dove 11 feet total
- Debt - owe mom \$6 then borrow \$5. owe \$11 total.

*Picture $-6-5 = -6+-5$



chipboard.

* There are other ways to answer, too! *