

HW

Name _____

Review for Test: Integer Operations

Date _____ Period _____

Write the integer that would describe the situation.

1. The swimmer swam 12 feet below sea level _____.
2. We received 10 inches of snow _____.
3. You withdrew \$50 of birthday money _____.

Write the opposite of each integer.

4. $-2 =$ _____ 5. $6 =$ _____ 6. $-8 =$ _____

Write the absolute value of each number.

7. $|-1| =$ _____ 8. $-|2| =$ _____ 9. $|6| =$ _____

Compare. Use $<$, $>$, or $=$.

10. $6 \bigcirc -3$ 11. $|-12| \bigcirc -7$ 12. $-1 \bigcirc -2$

Order from least to greatest.

13. $-9, 5, -3, 12, 0, -6, 10$ _____

14. $-2, 6, -8, 0, 1, -1, -9, -10$ _____

Add.

15. $12 + 2 =$ _____ 16. $-8 + (-5) =$ _____ 17. $16 + (-10) =$ _____
 18. $-1 + 5 =$ _____

Subtract. Write the addition statement.

19. $18 - 8 =$ _____ 20. $6 - 11 =$ _____
 21. $-6 - 25 =$ _____ 22. $-20 - (-3) =$ _____

Use a numberline and two-colored chip model to prove your answer for #18 and #20.

$$-1 + 5 = \underline{\hspace{2cm}}$$

$$6 - 11 = \underline{\hspace{2cm}}$$

Multiply or Divide.

$$23. \quad 5 \times 3 = \underline{\hspace{2cm}}$$

$$24. \quad -4 \times (-7) = \underline{\hspace{2cm}}$$

$$25. \quad 2 \times (-4) = \underline{\hspace{2cm}}$$

$$26. \quad -8 \times 1 = \underline{\hspace{2cm}}$$

$$27. \quad 27 \div 3 = \underline{\hspace{2cm}}$$

$$28. \quad 15 \div (-3) = \underline{\hspace{2cm}}$$

$$29. \quad -40 \div (-8) = \underline{\hspace{2cm}}$$

$$30. \quad -18 \div 2 = \underline{\hspace{2cm}}$$

Use a two-colored chip model to prove your answer for #25 and 28 above.

Use your integer rules to solve the following problems. **BE CAREFUL!**

$$31. \quad [6 + (4 \cdot 2)] + [(7 \cdot 3) - 4]$$

$$33. \quad (-8) - 8(8 - 4)$$

$$32. \quad \frac{3 - (-3) + (2)(5)}{-4 \cdot 1}$$

$$34. \quad (2 + 1^2) - (5 + 6) \times 3$$