

Name: _____
Total: 16 questions. Show all work where indicated.

Date: _____ Period: _____

Section 1: Multiple Choice

1. $|?8| = ?$ A) ?8 B) 0 C) 8 D) 64
2. $?3 + (?5) = ?$ A) 2 B) ?2 C) 8 D) ?8
3. $?10 ? (?4) = ?$ A) ?14 B) ?6 C) 6 D) 14
4. Which is GREATEST? A) ?15 B) ?3 C) 0 D) ?8
5. Temperature drops 12 degF then rises 7 degF. Net change? A) +19 B) ?5 C) +5 D) ?19
6. Opposite of $?(?6)$: A) ?6 B) 6 C) 0 D) 12

Section 2: Matching

7. ____ integer A) distance from zero, always positive
8. ____ absolute value B) whole number, can be positive, negative, or zero
9. ____ opposites C) numbers same distance from zero on opposite sides
10. ____ negative integer D) number less than zero
11. ____ number line E) visual tool showing order of numbers

Section 3: Show Your Work

12. Place these on a number line and order least to greatest: ?4, 2, ?7, 0, 5, ?1
13. Solve: $?8 + 3 ? (?5) + (?2)$. Show each operation.
14. Find the absolute value: $|?15|$, $|7|$, $|?3 + 3|$, $|10 ? 14|$

Section 4: Word Problems

15. A submarine is at ?350 ft. It rises 120 ft. What is its new depth?
16. Monday high was 4 degF. By Thursday it dropped 15 deg. Friday it rose 8 deg. What is Friday's temp?

Unit Test: December - Integers & Number Lines - Lower Level

Section 1: Multiple Choice

1. C) 8
2. D) ?8
3. B) ?6
4. C) 0
5. B) ?5
6. B) 6

Section 2: Matching

7. B
8. A
9. C
10. D
11. E

Section 3: Show Your Work

12. ?7, ?4, ?1, 0, 2, 5
13. $?8+3=?5$; $?5?(?5)=0$; $0+(?2)=?2$
14. 15, 7, 0, 4

Section 4: Word Problems

15. ?230 ft
16. ?3 degF