**Mid-Chapter 5 Study Guide**

**Write an integer for each situation.**

**1.** a loss of 9 pounds

**2.** rising 19 degrees

**3.** 250 feet below sea level

**Graph each set of integers on the number line.**

**4.** {−1, 5, 0, −2}

**5.** {4, 2, -5, 1}

**Evaluate each expression.**

**6.** ⎪−14⎥

**7.** ⎪11⎥ − ⎪−4⎥

**8.** ⎪−2⎥ + ⎪8 + 2⎥

**9.** Michael is hiking up to a mountain top that is 987 feet above sea level. Salina scuba dived to 13 feet below sea level. What is the difference between these two measurements?

**Replace each with <, >, or = to make a true statement.**

**10.** −6 4

**11.** −13 −15

**12.** 0 −24

**13.** −8 −9

**Order each set of integers from least to greatest.**

**14.** 17, −26, 41, −1, 13

**15.** 1, −4, 29, −10, 5

**Order each set of integers from least to greatest.**

**16.** 9, −6, 2, −21, 74, −57

**1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.**



**5.**



**6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ANSWER KEY: MID CHAPTER 5 REVIEW**

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**Order each set of integers from least to greatest.**

**14.** 17, −26, 41, −1, 13

**15.** 1, −4, 29, −10, 5

**16.** 9, −6, 2, −21, 74, −57

**1. \_\_\_\_\_\_\_\_\_-9\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_19\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_-250\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.**



**5.**



**6. \_\_\_\_\_\_\_\_\_14\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7. \_\_\_\_\_\_\_\_\_\_7\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**8. \_\_\_\_\_\_\_\_\_12\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**9. \_\_\_\_\_\_\_\_\_\_1000 ft.\_\_\_\_\_\_\_\_\_**

**10. \_\_\_\_\_\_\_\_\_\_<\_\_\_\_\_\_\_\_\_\_\_\_\_**

**11. \_\_\_\_\_\_\_\_\_\_>\_\_\_\_\_\_\_\_\_\_\_\_\_**

**12. \_\_\_\_\_\_\_\_\_\_\_>\_\_\_\_\_\_\_\_\_\_\_\_**

**13. \_\_\_\_\_\_\_\_\_\_\_>\_\_\_\_\_\_\_\_\_\_\_\_**

**14. \_\_-26, -1, 13, 17, 41\_\_\_\_\_\_\_**

**15. \_\_\_-10, -4, 1, 5, 29\_\_\_\_\_\_\_\_**

**16. \_\_\_-57, -21, -6, 2, 9, 74\_\_\_\_\_**