

Chapter 5 — Integer Sense

Worksheet C: Mixed Application

Name: _____ Grade: _____ Date: _____

1. A student says $-14 > -6$. Explain the mistake.

2. Explain why $|-9| = 9$.

3. Which is warmer: -4°C or -12°C ?

4. Which submarine is closer to sea level: -85 m or -140 m ?

5. Which balance has less debt: -42 or -70 ?

6. Order from least to greatest: -22 , 7 , -4 , 0 , 9 , -17

7. Order from greatest to least: -19 , 13 , 0 , -3 , 6 , -8

8. Give three integers less than -5 .

9. Give three integers greater than -5 .

10. In golf, which score is better: -4 or 3 ?

11. Explain the difference between -7 and $|-7|$.

12. Explain why zero is neither positive nor negative.

13. Are opposite and absolute value the same thing? Explain with an example using -8 .

14. Order by distance from zero, closest first: 7, -2, -9, 4, -6

15. Order temperatures from coldest to warmest: -16°C , 5°C , -3°C