Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **WS 1-2**

Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_

1. A jet is flying at an altitude of 350 feet while a submarine is 85 feet below

sea level during a training mission. When the jet flies directly over the

submarine, how many feet are there from the jet to the submarine? Justify.

1. What is ? Justify using Algebra Tiles.
2. One day in late January, the high temperature in Houston, Texas was 64º F, while in

 Nome, Alaska the high temperature was -18º F. How much warmer was Houston that

 day?

1. Bob and Sylvia were simplified -6 + 9. Bob simplified to -3, but Sylvia simplified to 3.

Who is correct?

1. How are Multiplication and Division related to each other?

Simplify the following expressions. Show work as needed.

6. 9 – 15 7.  8. - 3 – 16 9. - 3+5

10. 6 + - 2 11.  12. -1 + -12 13. 