

Unit 1 Worksheet 1: Integer Word Problems

Date _____ Period _____

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- 1) The temperature on a winter morning is 8° F. If the temperature rises 15 degrees then falls 3 degrees in the evening, what is the temperature in the evening? Write an expression that models the situation first.

- 2) The temperature on a winter morning is -15° F. If the temperature rises 5 degrees then falls 7 degrees in the evening, what is the temperature in the evening? Write an expression that models the situation first.

- 3) The temperature on a winter morning is -19° F. If the temperature rises 2 degrees then falls 15 degrees in the evening, what is the temperature in the evening? Write an expression that models the situation first.

- 4) The temperature on a winter morning is 22° F. If the temperature rises 2 degrees then falls 18 degrees in the evening, what is the temperature in the evening? Write an expression that models the situation first.

- 5) Sally has 5 jars each containing 12 marbles. She gives 3 marbles to her brother. Write an expression that models this situation.

- 6) Julie has 7 jars each containing 11 marbles. She gives 5 marbles to her brother. Write an expression that models this situation.

- 7) Sam has 8 jars each containing 28 marbles. He gives 12 marbles to his brother. Write an expression that models this situation.

Evaluate each expression.

8) $(-2) - 1 - (-5) + (-5)$

9) $(-7) - 3 - 2 + (-4)$

10) $(-3) + 4 + 5 + (-2)$

11) $2 + 8 + 5 - 1$

12) $(-6) + 1 + 4 + (-5)$

13) $2 - (-5) + (-1) + (-6)$

Find each product.

14) $(-5)(4)(-2)$

15) $(6)(-5)(-1)$

16) $(3)(-1)(-5)$

17) $(5)(-3)(3)$

18) $(4)(-1)(6)$

19) $(4)(6)(-1)$

Find each quotient.

20) $-56 \div 7$

21) $-48 \div 6$

22) $18 \div -3$

23) $64 \div -8$