

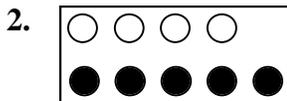
## Grade 7 Integer Quiz Review #2

**BLM 5PT****Selected Response**

For questions 1–8, select the correct answer. (A black counter represents +1 and a white counter represents -1.)

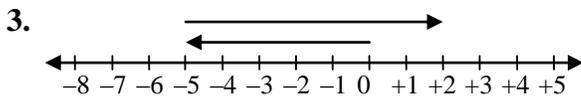
1. Which statement compares 4 to -5 correctly?

- A  $4 < -5$       B  $4 > -5$   
 C  $-5 > 4$       D None of these.



The sum that is modelled is

- A  $(+4) + (-5)$       B  $(-4) + (-5)$   
 C  $(-4) + (+5)$       D  $(+5) + (+4)$



The number line models

- A an increase of  $5^{\circ}\text{C}$  followed by a decrease of  $7^{\circ}\text{C}$   
 B a decrease of  $5^{\circ}\text{C}$  followed by a decrease of  $7^{\circ}\text{C}$   
 C an increase of  $5^{\circ}\text{C}$  followed by an increase of  $7^{\circ}\text{C}$   
 D a decrease of  $5^{\circ}\text{C}$  followed by an increase of  $7^{\circ}\text{C}$

4. Which statement is *false*?

- A  $-6 + (-4) = -4 + (-6)$   
 B  $-2 \times -4 = -4 \times -2$   
 C  $-48 \div -8 = -8 \div -48$   
 D  $-3 - (-4) = 4 - 3$

5. Evaluate each integer expression.

a)  $-7 - 4 \times (-2)$       b)  $(23 - 35) \div -6$

c)  $4 + 6^2 \div 3^2$       d)  $-2(4^2 - 3)$

6. Write an integer expression for each of the following. Evaluate and state its meaning.

- a) The highest temperature recorded in Glace Bay, in Cape Breton, was  $35^{\circ}\text{C}$  on August 10th, 2001, and the lowest ever was  $-27^{\circ}\text{C}$  on February 8th, 1993. How much colder is the second temperature than the first?
- b) A stock's value decreased yesterday by 96¢ from its opening value at 9:00 A.M. to its closing value at 5:00 P.M. What was the mean loss in cents per hour?

7. A fish swam down 5 cm, looking for food. Then it swam down 5 cm another twelve times. If it started at 18 cm below sea level, what was its final depth?