

## Grade Eight Review for Final – Unit 2

### Multiple Choice Section

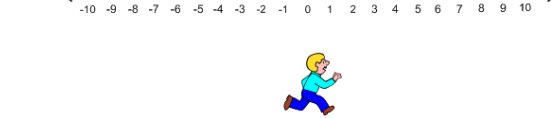
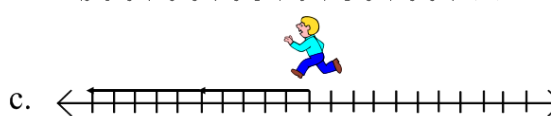
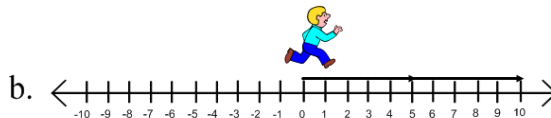
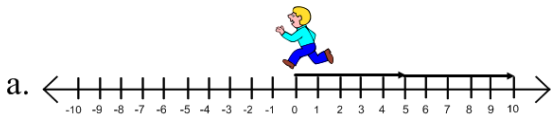
1. Which multiplication statement represents the following addition statement?  
 $(-3) + (-3) + (-3) + (-3) + (-3)$ 

A.  $5 \times 3$                       B.  $-5 \times (+3)$                       C.  $(-3) \times 5$                       D.  $(-3) \times (-5)$
  
2. Determine  $-5 \times (-10) \times (-2)$ .
 

A.  $-100$                       B.  $-50$                       C.  $50$                       D.  $100$
  
3. A stock market decreased in price by \$200 over 4 days. Determine the mean daily decrease.
 

A.  $-4\$/\text{day}$                       B.  $-50/\text{\$day}$                       C.  $-100/\text{\$day}$                       D.  $-800/\text{\$day}$

4. Which model represents  $(-2) \times (-5)$ ?



5. Which situation could be represented by the division problem  $(-24) \div (+6)$ ?
 

A) The temperature dropped  $24^{\circ}\text{C}$  per hour for six hours.

B) The temperature dropped a total of  $24^{\circ}\text{C}$  over a six hour period.

C) The temperature increased  $24^{\circ}\text{C}$  over a six hour period.

D) The temperature increased  $24^{\circ}\text{C}$  per hour for six hours.

6. Calculate:  $(-6) - (+56) \div (-8)$

A) -13

B) -1

C) +1

D) +13

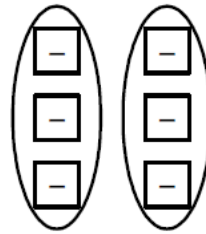
7. What product is represented in the diagram?

A.  $(+3) \times (-2) = -6$

B.  $(+2) \times (-3) = -6$

C.  $(-2) \times (-3) = 6$

D.  $(+2) \times (-3) = 6$



8. Which multiplication statement is correct?

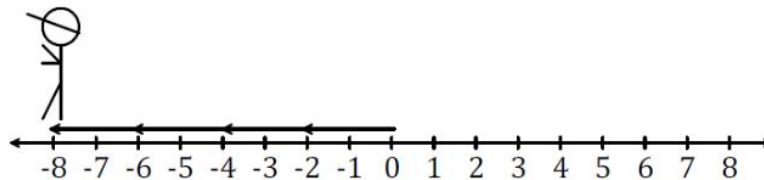
A.  $(+7) \times (-9) = -63$

B.  $(+7) \times (+9) = -63$

C.  $(-7) \times (+9) = 63$

D.  $(-7) \times (-9) = -63$

9. What quotient is represented in the diagram?



A.  $(-8) = (+4) \times (+2)$

B.  $(-8) = (+4) \times (-2)$

C.  $(-8) \div (+2) = (+4)$

D.  $(-8) \div (-2) = (+4)$

10. Evaluate:  $(+20) - (+15) \div (-5)$

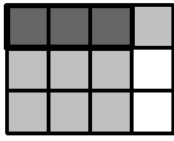
A. -1

B. 1

C. 17

D. 23

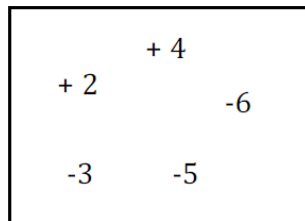
11. What product is represented by the area model?



- A.  $\frac{4}{12} \times \frac{6}{12}$   
 B.  $\frac{3}{12} \times \frac{3}{4}$   
 C.  $\frac{3}{4} \times \frac{1}{3}$   
 D.  $\frac{1}{4} \times \frac{3}{1}$

**Long Answer Section**

12. Name all the pairs of integers that have a positive product.



13. Model  $(-12) \div (+4)$  using the model of your choice.

14. Calculate each quotient.

A)  $(-84) \div (-14) =$  \_\_\_\_\_      B)  $\frac{-78}{+13} =$  \_\_\_\_\_      C)  $\frac{(-3)(-8)}{(+4)} =$  \_\_\_\_\_

15. Three months ago, Sean had \$642 in his bank account. For the past three months, he spent \$24 per month on his golf membership, while his aunt deposited \$35 per month in his account. What is Sean's current account balance?