

7th- Lesson 2 Study Guide

1.) Which expressions are equivalent?

Choose all that apply.

- A. $29 - 11$ and $29 + (-11)$ $29 + (-11)$
- B. $47 - 5$ and $(-47) + (-5)$ $47 + -5$
- C. $13 - (-7)$ and $(-7) + (-13)$ $13 + 7$
- D. $-20 - (-11)$ and $11 + (-20)$ $-20 + 11$

* you can switch the order of the #'s, but not the sign. *

2.) Determine if each statement about the distance between numbers on a number line is correct.

Choose true or false for each statement.

- T A. The distance between 12 and -7 on a number line is 19. $12 + (+7) = 19$
- F B. The distance between -5 and 16 on a number line is 9. $-5 + 16 = -21$
- F C. The distance between -13 and 2 on a number line is 15. $-13 + 2 = -15$
- F D. The distance between -8 and -9 on a number line is -1. $-8 + (+9) = 1$

3.) Tim is playing on a TV show. In round 1, he has 11 points. During round 2, he loses 20 points. Which expressions show the total number of points Tim has going into round 3.

- A. $11 - (-20)$
 - B. $11 + 20$
 - C. $11 + (-20)$
 - D. $-11 + (-20)$
 - E. $-11 - 20$
 - F. $11 - 20$
- after
K.C.F $11 + -20$