Name _____ Date _____

Adding and Subtracting Integers Exit Ticket

Directions: Answer each question. Type number answers with digits, and put a minus sign in front of a negative answer.

1. Kai's phone account has a balance of $-\$6$ because he owes \$6. He adds \$25 to the account. What is the account's new balance, in dollars?

_____ dollars

2. A football team runs three plays. It gains 7 yards, loses 12 yards, then gains 3 yards. Find the team's total change in yards. Use a negative number for a net loss.

_____ yards

3. What is $-9 - (-14)$?

_____

4. A hiking trail starts at an elevation of -48 feet, which is 48 feet below sea level. It ends at a ridge with an elevation of 215 feet. How many feet higher is the ridge than the start of the trail?

_____ feet

5. Which expressions have the same value as $-8 - 5$? Select the 3 that apply.

☐ A. $-5 - 8$ ☐ B. $-8 + (-5)$ ☐ C. $-8 + 5$

☐ D. $-(8 + 5)$ ☐ E. $8 - 5$ ☐ F. $5 - 8$

6. Find the sum $27 + (-35) + 13 + (-27)$.

_____

7. Which statement is always true for integers?

A. The sum of two integers is always greater than each of them.

B. Subtracting a number always gives a smaller result.

C. A number plus its opposite is always 0.

D. A number minus its opposite is always 0.

8. Rosa found the value of $8 - (-5) - 15 + (-3)$. Her work is shown.

1. $8 - (-5) - 15 + (-3) = 8 + (-5) + (-15) + (-3)$
2. $8 + (-5) = 3$
3. $3 + (-15) = -12$
4. $-12 + (-3) = -15$

Which step has the first mistake?

A. $8 + (-5) = 3$

B. $3 + (-15) = -12$

C. There is no mistake.

D. $8 - (-5) - 15 + (-3) = 8 + (-5) + (-15) + (-3)$

E. $-12 + (-3) = -15$