

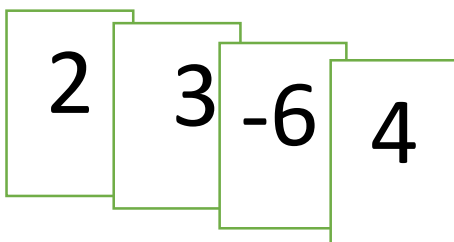
Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 10: Using Properties of Operations to Justify the Multiplication of Integers

### Exit Ticket

1. Natalie is playing the Integer Game and only shows you the four cards shown below. She tells you that the rest of her cards have the same values on them and match one of these four cards.



- a. If all of the matching cards will increase her score by 18, what are the matching cards?
- b. If all of the matching cards will decrease her score by 12, what are the matching cards?

A hand of six integer cards has one matching set of two or more cards. If the matching set of cards is removed from the hand, the score of the hand will increase by six. What are the possible values of these matching cards? Explain. Write an equation using multiplication showing how the matching cards yield an increase in score of six.