

NAME \_\_\_\_\_

Module 3    Integers  
Lesson 4    Multiplying and Dividing Integers

# Challenge Problems

## 3.4

### Set 1

1

If the product of two integers is positive, what is known about those two integers?

2

If the product of two integers is negative, what is known about those two integers?

3

When will the product of two integers be zero?

## Possible Answers

### Set 1

1. If the product of two integers is positive, then both of the integers are positive or both of the integers are negative.
2. If the product of two integers is negative, then the two integers have different signs.
3. The product of two integers is zero if one integer is zero or if both integers are zero.