

Challenge Problems

3.3

NAME _____

Module 3 Integers
Lesson 3 Subtracting Integers

Set 1

1 Use integer counters to show $3 - (-4)$ is *not* the same as $-4 - 3$.

2 Is subtraction of integers commutative? Explain.

3 If a positive integer is subtracted from a negative integer, will the difference be positive, negative, or zero? Explain.

Set 2

1 When subtracting a negative number, is the difference greater than or less than the original number? Explain.

2 When subtracting a positive number, is the difference greater than or less than the original number? Explain.

3 When will the difference of two integers be zero? Explain.

Additional Work Area