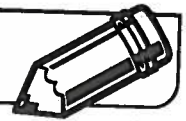


LESSON  
7•5

## Evaluating Expressions



Janet and Alisha are using their calculators to evaluate expressions. Janet has a four-function calculator, and Alisha has a scientific calculator. They both enter the same key sequence, but their calculator displays are different.

1. Study the key sequence and calculator displays below.

Key Sequence	Janet's Display	Alisha's Display
3 + 5 × 2 =	16	13

2. Decide the order that each calculator used to perform the operations. Use parentheses to write a number sentence that models each order.

a. Number model for Janet's calculator: \_\_\_\_\_

b. Number model for Alisha's calculator: \_\_\_\_\_

3. Use your number models in Problem 2 to evaluate the following key sequence. Then complete the table for each calculator.

Key Sequence	Janet's Display	Alisha's Display
5 × 3 + 7 - 8 + 2 =		

## Try This

4. Write number models that show what each calculator did in Problem 3.

a. Number model for Janet's calculator:

\_\_\_\_\_

b. Number model for Alisha's calculator:

\_\_\_\_\_