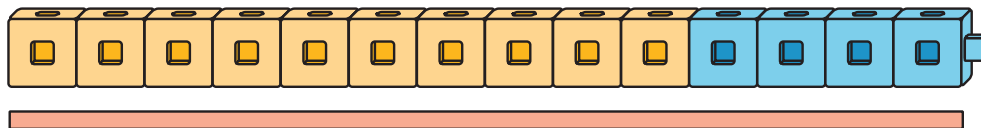


## Section A: Practice Problems

### 1. Pre-unit

How many connecting cubes long is the rectangle?



### 2. Pre-unit

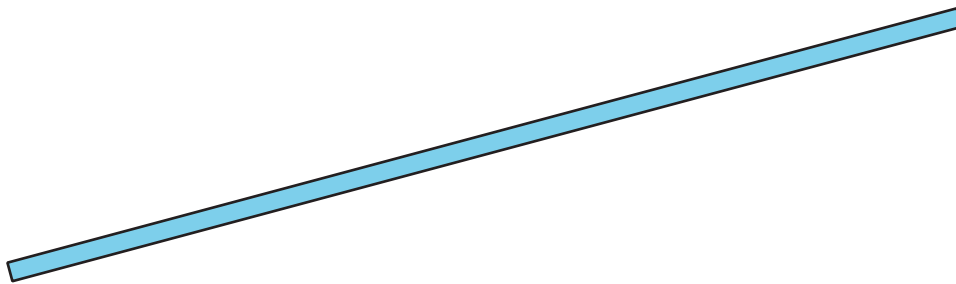
Jada has 16 red counters. She has 7 fewer yellow counters than red counters. How many yellow counters does Jada have? Show your reasoning with words, pictures, or numbers.

### 3. Pre-unit

**A**



**B**



**C**



a. Which rectangle is the longest?

b. Which rectangle is the shortest?

#### 4. Pre-unit

Find the value of each expression.

a.  $52 + 30$

b.  $38 + 9$

c.  $35 + 16$

d.  $85 - 7$

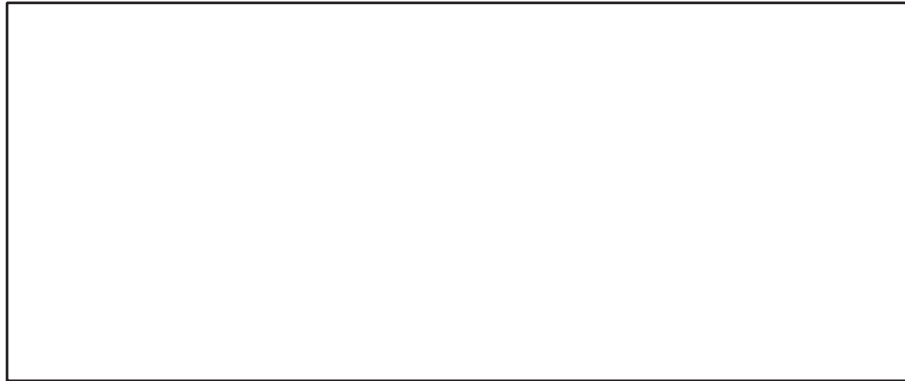
5. How many centimeters long is each rectangle?

a. 

b. 

(From Unit 3, Lesson 1.)

6. Here is a rectangle.

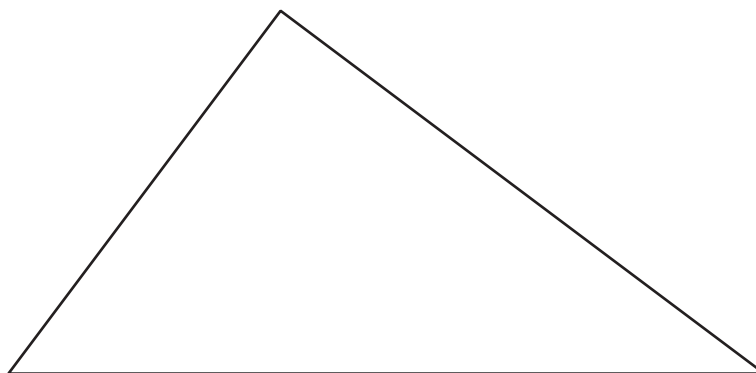


a. How many centimeters wide is the rectangle?

b. How many centimeters tall is the rectangle?

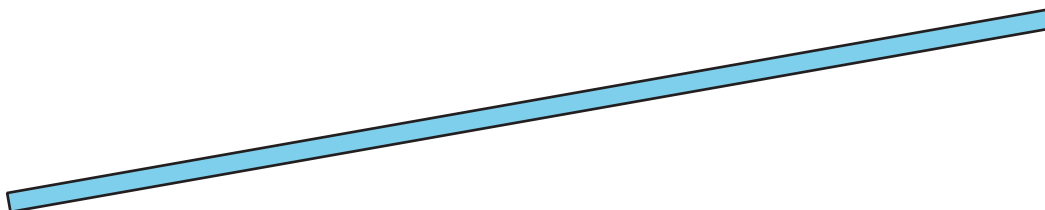
(From Unit 3, Lesson 2.)

7. How many centimeters long is each side of the triangle? Label each side.



(From Unit 3, Lesson 3.)

8. Here is a rectangle.



a. Estimate how many centimeters long the rectangle is.

\_\_\_\_\_ cm

b. Measure the rectangle and record the measurement.

\_\_\_\_\_ cm

c. How does your estimate compare to the actual length?

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(From Unit 3, Lesson 4.)

9. A python is a snake that grows up to 9 meters in length.
- Is the python longer or shorter than the animals you measured?
  - Is the python longer or shorter than the alligator and adult cobra together?

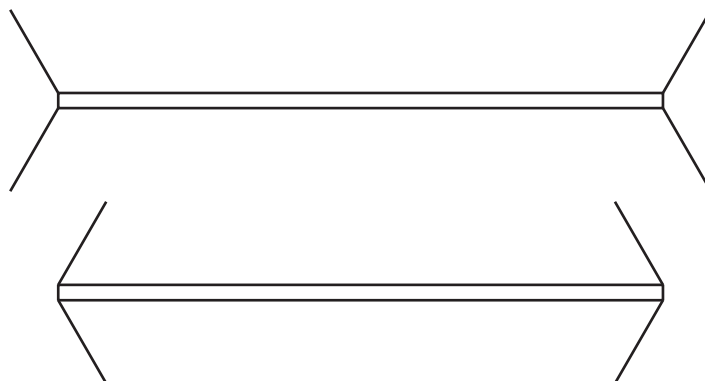
(From Unit 3, Lesson 5.)

10. Andre's snake is 85 centimeters long. His lizard is 28 centimeters long. How many centimeters longer is Andre's snake than his lizard? Show your thinking.

(From Unit 3, Lesson 6.)

## 11. Exploration

Here are 2 rectangles.



- Which rectangle do you think is longest?
- Measure with a centimeter ruler to check your guess.

## 12. Exploration

- Look for objects in the classroom that are about 1 centimeter long. Measure them and see how close they are to 1 centimeter.
- Look for objects in the classroom that are about 1 meter long. Measure them and see how close they are to 1 meter.