## Lesson 15: Different Types of Story Problems

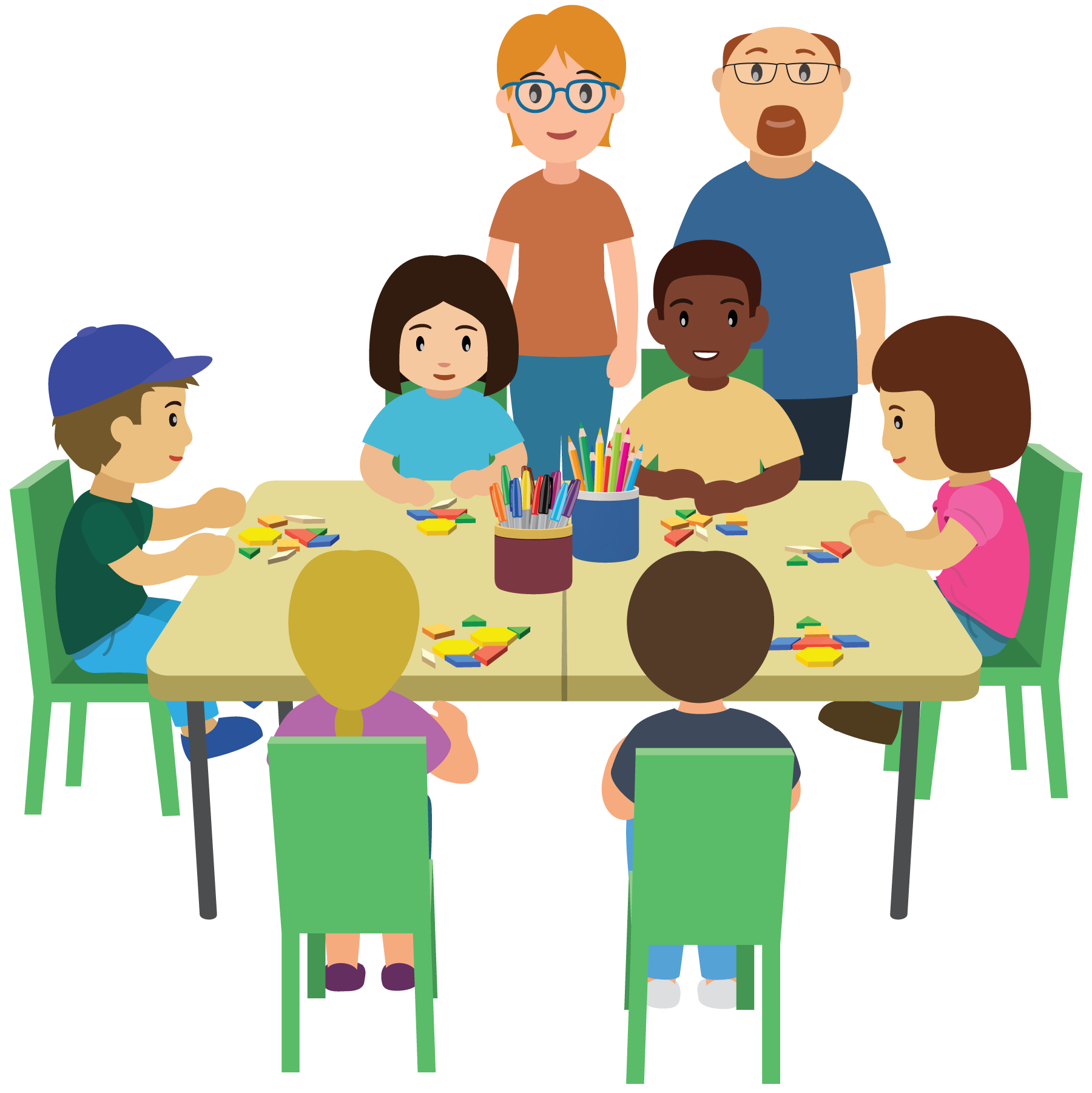
* Let’s solve story problems and write equations to match.

### Warm-up: Which One Doesn’t Belong: Equations

Which one doesn’t belong?



### 15.1: What Questions Can We Ask?



What mathematical questions can you ask about this image?

### 15.2: Different Types of Problems

1. There are 8 people at the table.  
   6 of the people are students.  
   How many are teachers?  
   Show your thinking using drawings, numbers, or words.

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Elena has 4 pattern blocks.  
   Tyler has 6 pattern blocks.  
   How many fewer pattern blocks does Elena have than Tyler?  
   Show your thinking using drawings, numbers, or words.

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Tyler has 6 pattern blocks.  
   Elena has 4 patterns blocks.  
   How many pattern blocks do they have altogether?  
   Show your thinking using drawings, numbers, or words.

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Priya has 7 triangles and 3 squares.  
   How many more triangles than squares does Priya have?  
   Show your thinking using drawings, numbers, or words.

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### 15.3: Centers: Choice Time

Choose a center.

Capture Squares



Shake and Spill

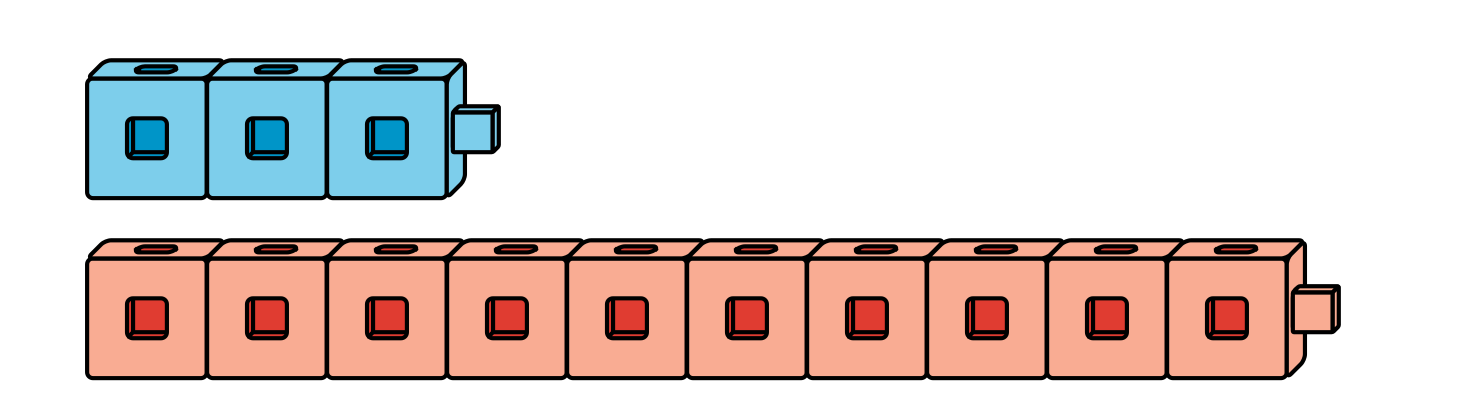


What's Behind My Back



### Section Summary

Section Summary

* We made cube towers that have the same number of cubes.
* 
* We can add 7 more blue cubes.  
  We can take off 7 red cubes.
* We solved story problems about “how many more” and “how many fewer.”
* Elena has 4 pattern blocks.  
  Tyler has 6 pattern blocks.  
  How many fewer pattern blocks does Elena have than Tyler?
* or
* We learned that these problems can be solved with addition or subtraction.



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