## 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?

1. $7=$
2. $=3+4$
3. $4+3=$
4. $7−3=$

### 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?
* $4+=6$
* or
* $6−4=$
* We learned that these problems can be solved with addition or subtraction.



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