

## 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?

A.  $7 = \boxed{7}$

B.  $\boxed{7} = 3 + 4$

C.  $4 + 3 = \boxed{8}$

D.  $7 - 3 = \boxed{4}$

## 15.1: What Questions Can We Ask?



What mathematical questions can you ask about this image?

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## 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: \_\_\_\_\_

2. 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: \_\_\_\_\_

3. 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: \_\_\_\_\_

4. Priya has 7 triangles and 3 squares.

How many more triangles than squares does Priya have?

Show your thinking using drawings, numbers, or words.

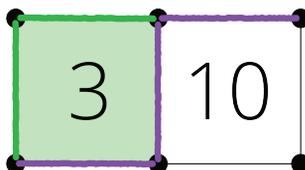
Equation: \_\_\_\_\_

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

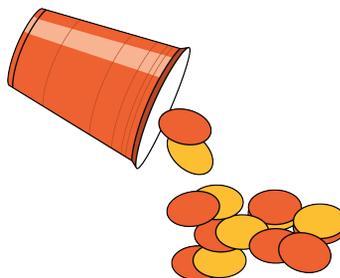
## 15.3: Centers: Choice Time

Choose a center.

Capture Squares



Shake and Spill



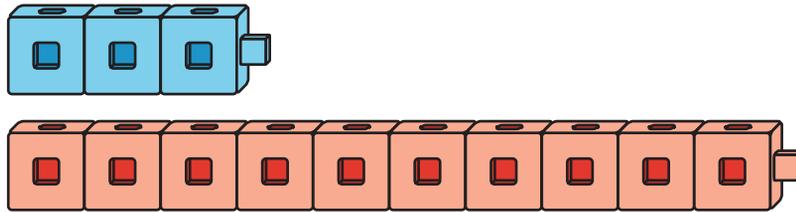
What's Behind My Back



## Section Summary

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- 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?

$$4 + \boxed{2} = 6$$

or

$$6 - 4 = \boxed{2}$$

- We learned that these problems can be solved with addition or subtraction.