



Story Problems about Shapes

Let's use equations with story problems.



Warm-up

Notice and Wonder: Questionless Story Problem

What do you notice?

What do you wonder?

Elena makes a train with 9 pattern blocks.
She takes away 3 pattern blocks.

Activity 1

Match Story Problems to Equations

1. Clare has 7 pattern blocks.
Her brother takes 3.

How many now?

$$7 = 4 + 3$$

$$7 - 3 = 4$$

$$7 + 3 = 10$$

2. Kiran has 2 pattern blocks.
Jada adds 5 more.

How many pattern blocks?

$$5 - 2 = 3$$

$$4 = 2 + 2$$

$$2 + 5 = 7$$



Activity 2

Solve Story Problems

1. Andre has 4 pattern blocks.
He adds 4 more.

How many pattern blocks?

Equation: $8 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$



2. Elena makes a train with 9 pattern blocks.
She takes away 3 pattern blocks.

How many pattern blocks make up the train?

Equation: $9 - 3 =$ _____

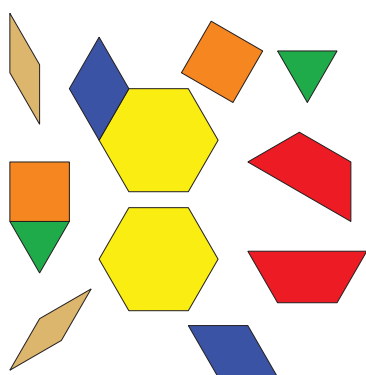


Activity 3

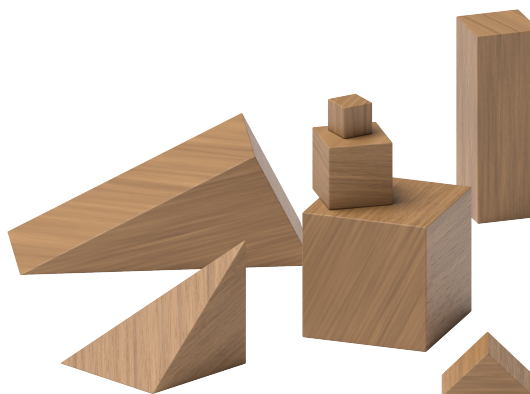
Centers: Choice Time

Choose a center.

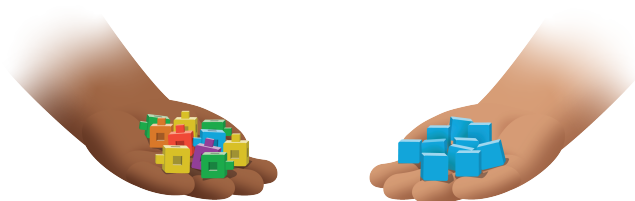
Pattern Blocks



Geoblocks



Grab and Count



Find the Pair



