Unit 7, Lesson 5

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: $8 =$ _____ $+$ _____

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

   How many pattern blocks make up the train?

   _____

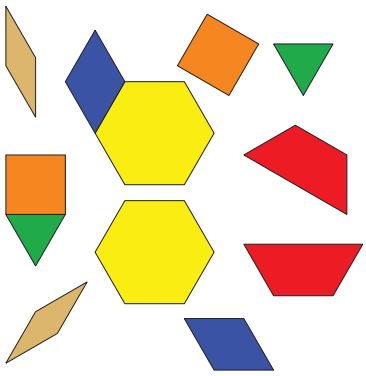
Equation: $9 - 3 =$ _____

Activity 3

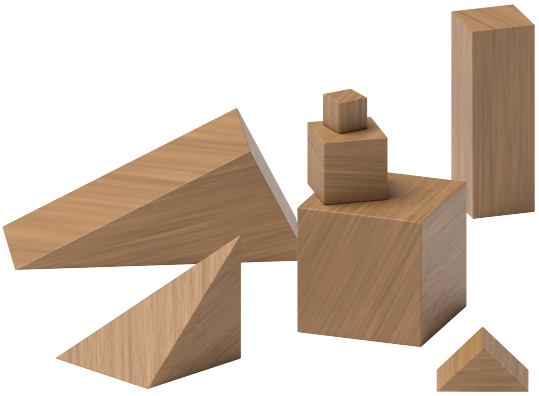
Centers: Choice Time

Choose a center.

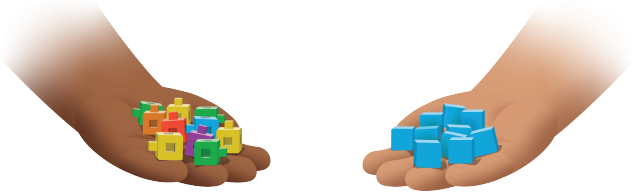
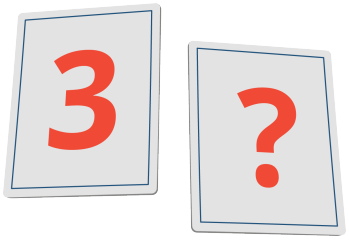
Pattern Blocks



Geoblocks



Grab and Count



Find the Pair