

Lesson 4: Pattern Block Puzzles and Equations

- Let's use equations to show how many of each shape there are.

Warm-up: Which One Doesn't Belong: Equations

Which one doesn't belong?

A

$$3 + 3 = 6$$

B

$$6 = 4 + 2$$

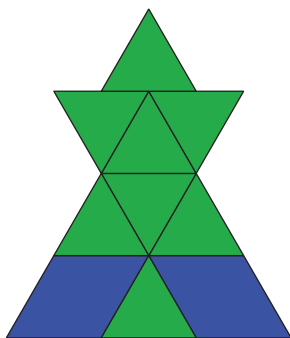
C

$$4 + 3 = 7$$

D

$$4 + 2 = 6$$

4.1: Match Equations to Pattern Block Puzzles



$$8 = 4 + 4$$

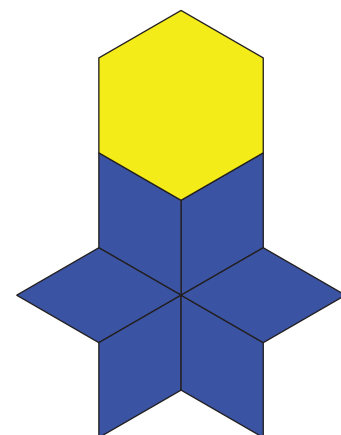
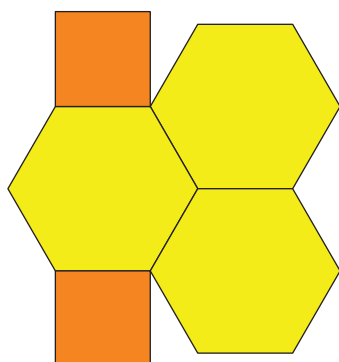
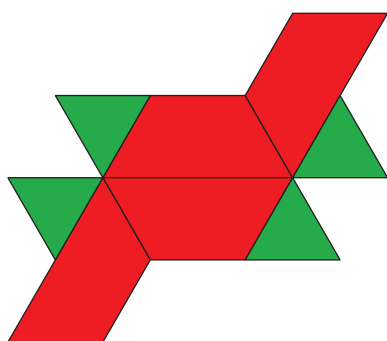
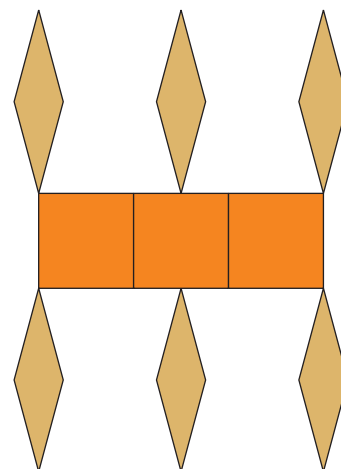
$$6 + 1 = 7$$

$$10 = 2 + 8$$

$$7 = 6 + 1$$

$$2 + 3 = 5$$

$$9 = 6 + 3$$



4.2: Make Shapes to Represent Equations

$$4 = 1 + 3$$

$$10 + 0 = 10$$

$$5 + 4 = 9$$

$$8 = 2 + 6$$

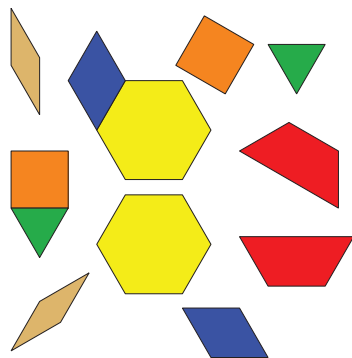
$$3 + 3 = 6$$

$$7 = 2 + 5$$

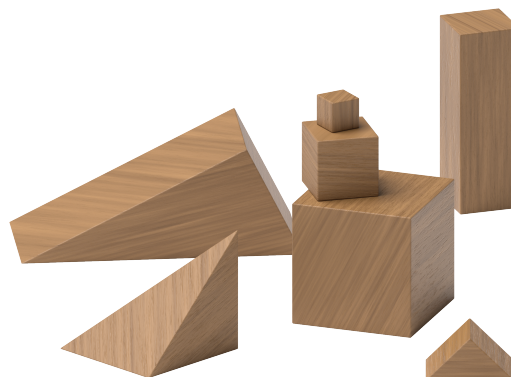
4.3: Centers: Choice Time

Choose a center.

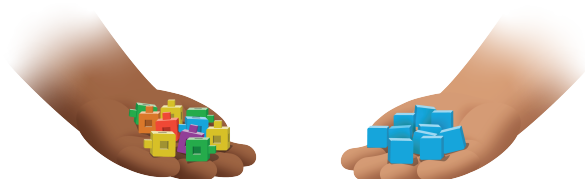
Pattern Blocks



Geoblocks



Grab and Count



Find the Pair



