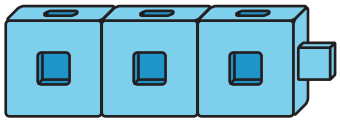
Section A: Practice Problems

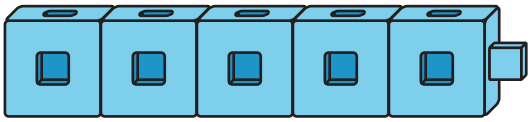
1. a.



How can you break apart 3 connecting cubes into 2 parts?

Show your thinking using drawings, numbers, words, or objects.

b.

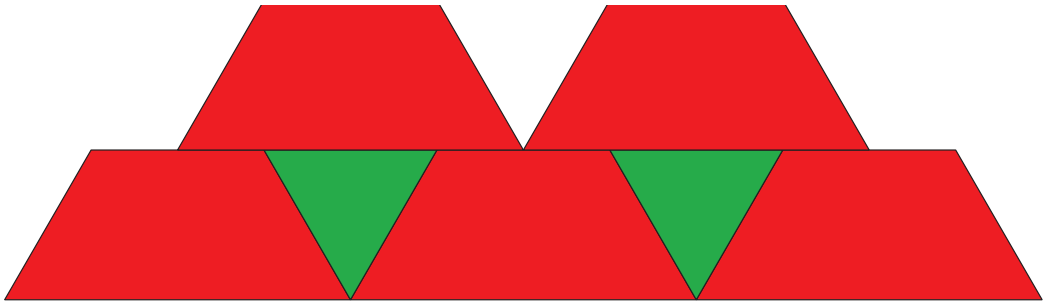


How can you break apart 5 connecting cubes into 2 parts?

Show your thinking using drawings, numbers, words, or objects.

(From Unit 5, Lesson 1.)

2. Jada made this pattern block design.



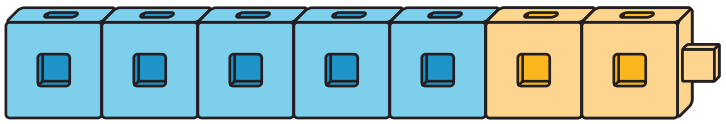
a. How many pattern blocks did Jada use? _____

b. Write an expression to show Jada's pattern blocks.

_____

(From Unit 5, Lesson 2.)

3. Mai wanted to break apart 7 into 2 parts.
   She made this tower to show her 2 parts.



a. Write an expression for Mai's connecting cubes.

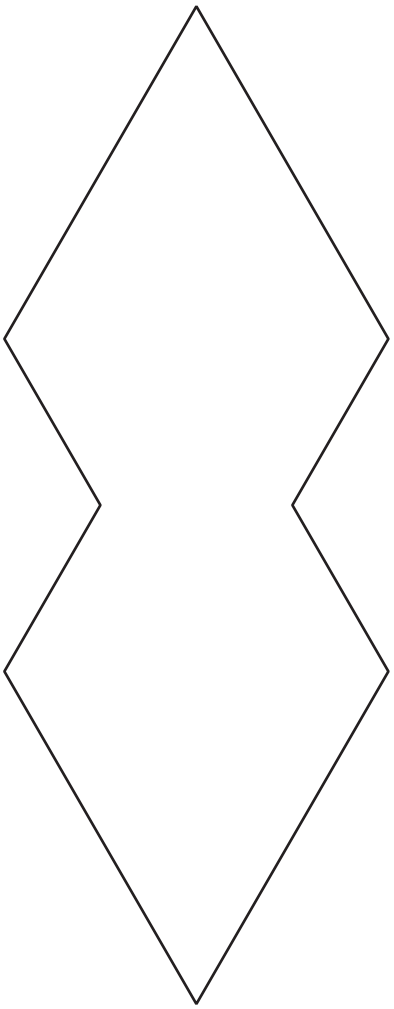
b. Show 1 more way to break apart 7 cubes into 2 parts.

   Show your thinking using drawings, numbers, words, or objects.

(From Unit 5, Lesson 3.)

4. **Exploration**

Han made this pattern block design using two different kinds of pattern blocks.



He wrote the expression $6 + 2$ to describe his design.

What pattern blocks did Han use?

5. **Exploration**

a. Show all the ways to snap a tower of 4 cubes into 2 parts.

b. Show all the ways to snap a tower of 5 cubes into 2 parts.

c. Show all the ways to snap a tower of 6 cubes into 2 parts.

d. What patterns do you notice?