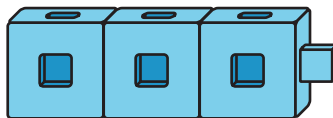


Section A: Practice Problems

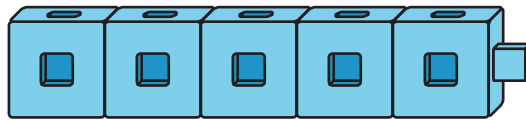
1. a.



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

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

b.

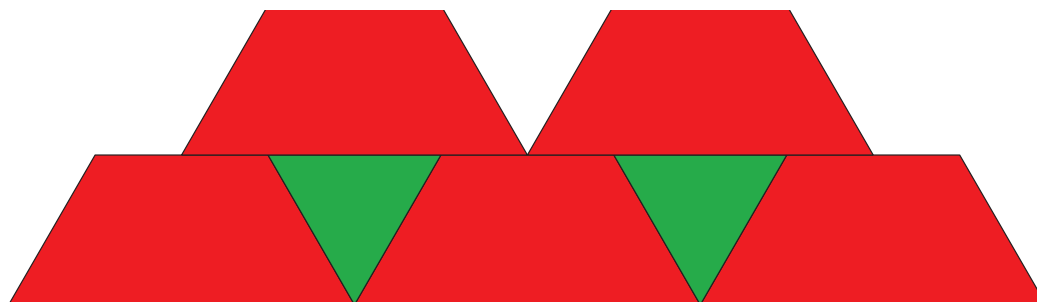


How can you break apart 5 connecting cubes into 2 parts?

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

(From Unit 5, Lesson 1.)

2. Jada made this pattern block design.

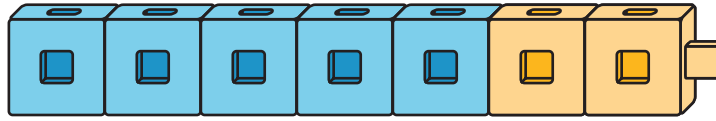


a. How many pattern blocks did Jada use? _____

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.

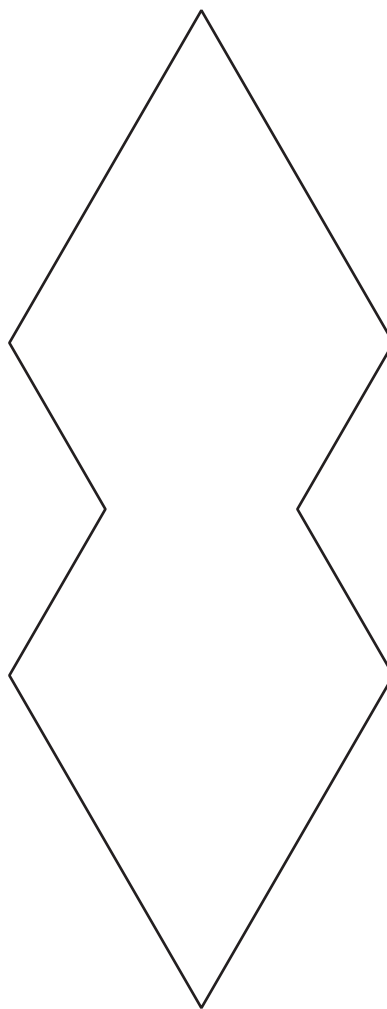
- b. Show 1 more way to break apart 7 cubes into 2 parts.

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?

