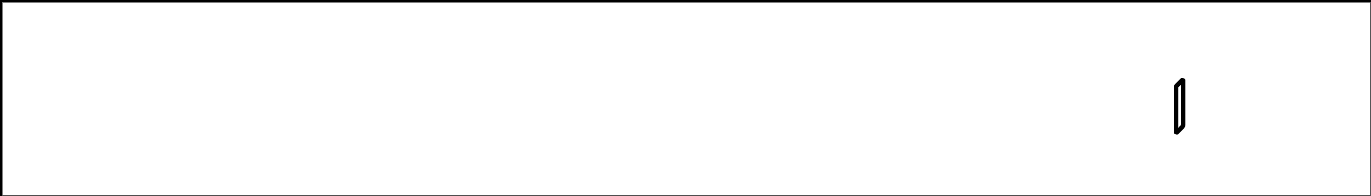
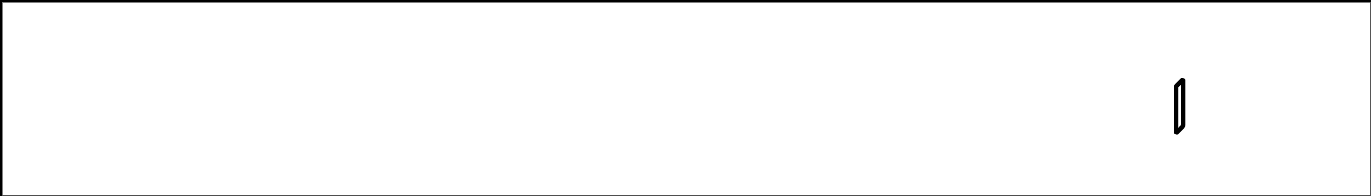
## Lesson 3: Snap the Cubes

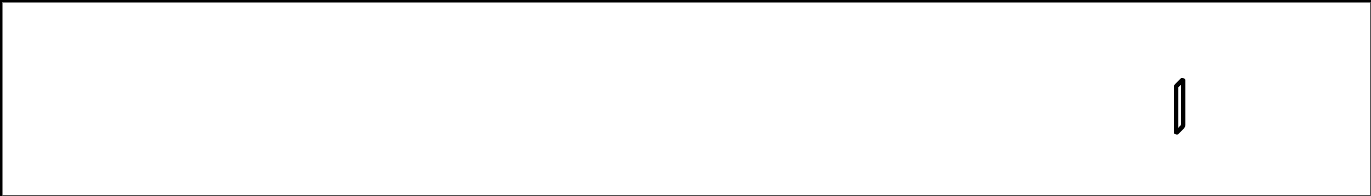
* Let’s find different ways to break apart numbers.

### Warm-up: Notice and Wonder: Connecting Cube Towers

What do you notice?  
What do you wonder?







### 3.1: Introduce What’s Behind My Back, Show 2 Parts

8 cubes

|  |
| --- |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

8 cubes

|  |
| --- |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8 blank cubes.  expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

### 3.2: More Than One Way

|  |
| --- |
| 4 |
| 9 |
| 6 |

|  |
| --- |
| 7 |
| 5 |
| 8 |

### 3.3: Centers: Choice Time

Choose a center.

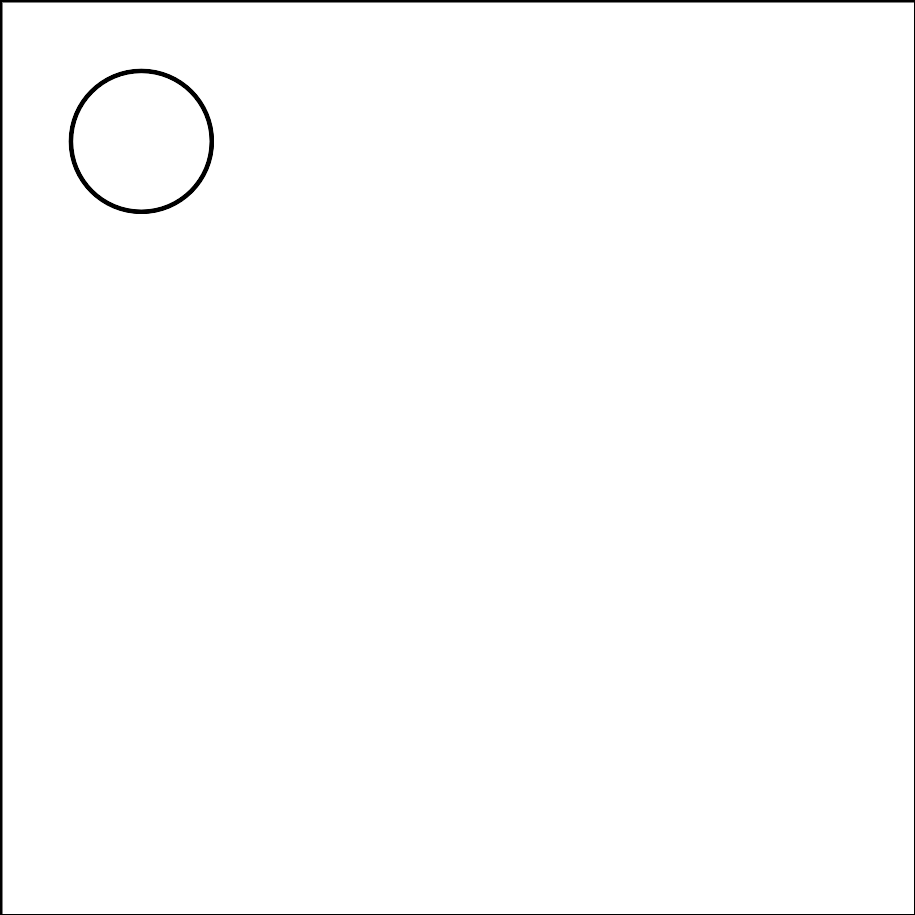
What's Behind My Back?



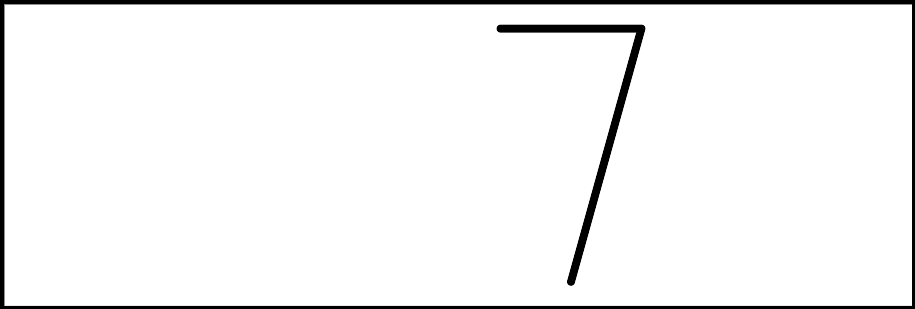
Check it Off



Bingo



Find the Value of  
Expressions



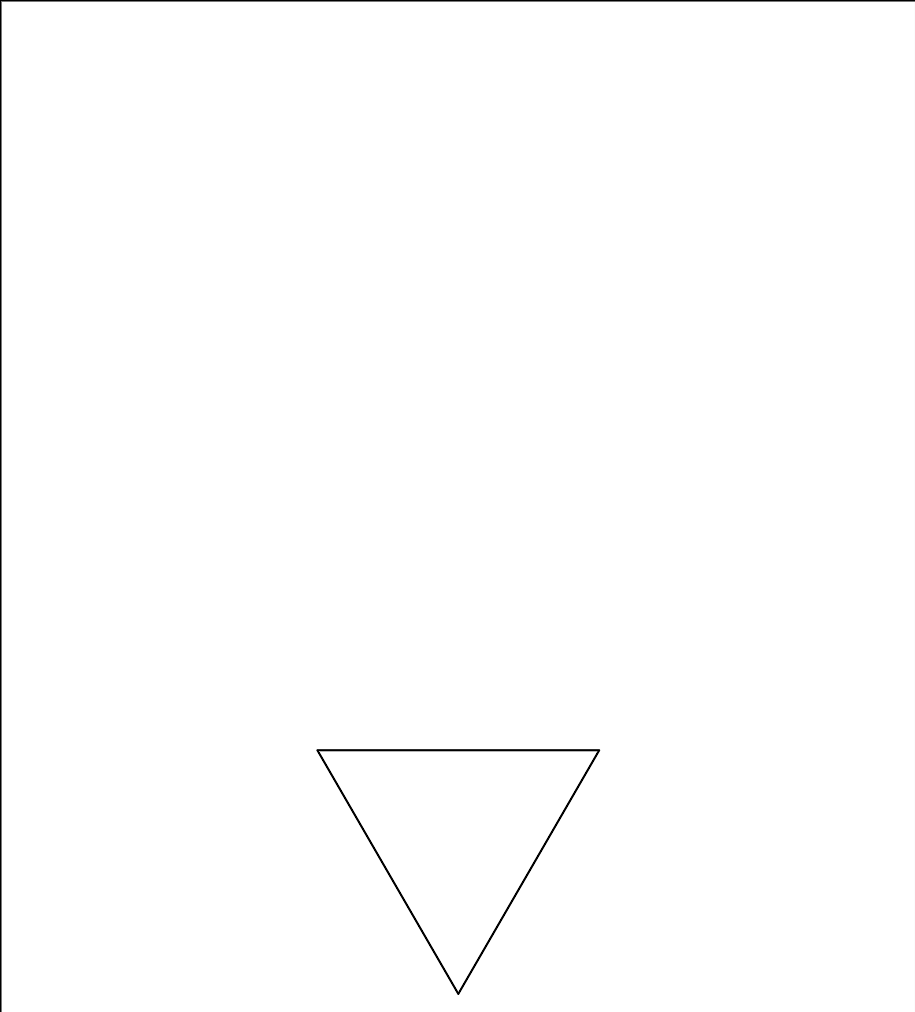
Shake and Spill



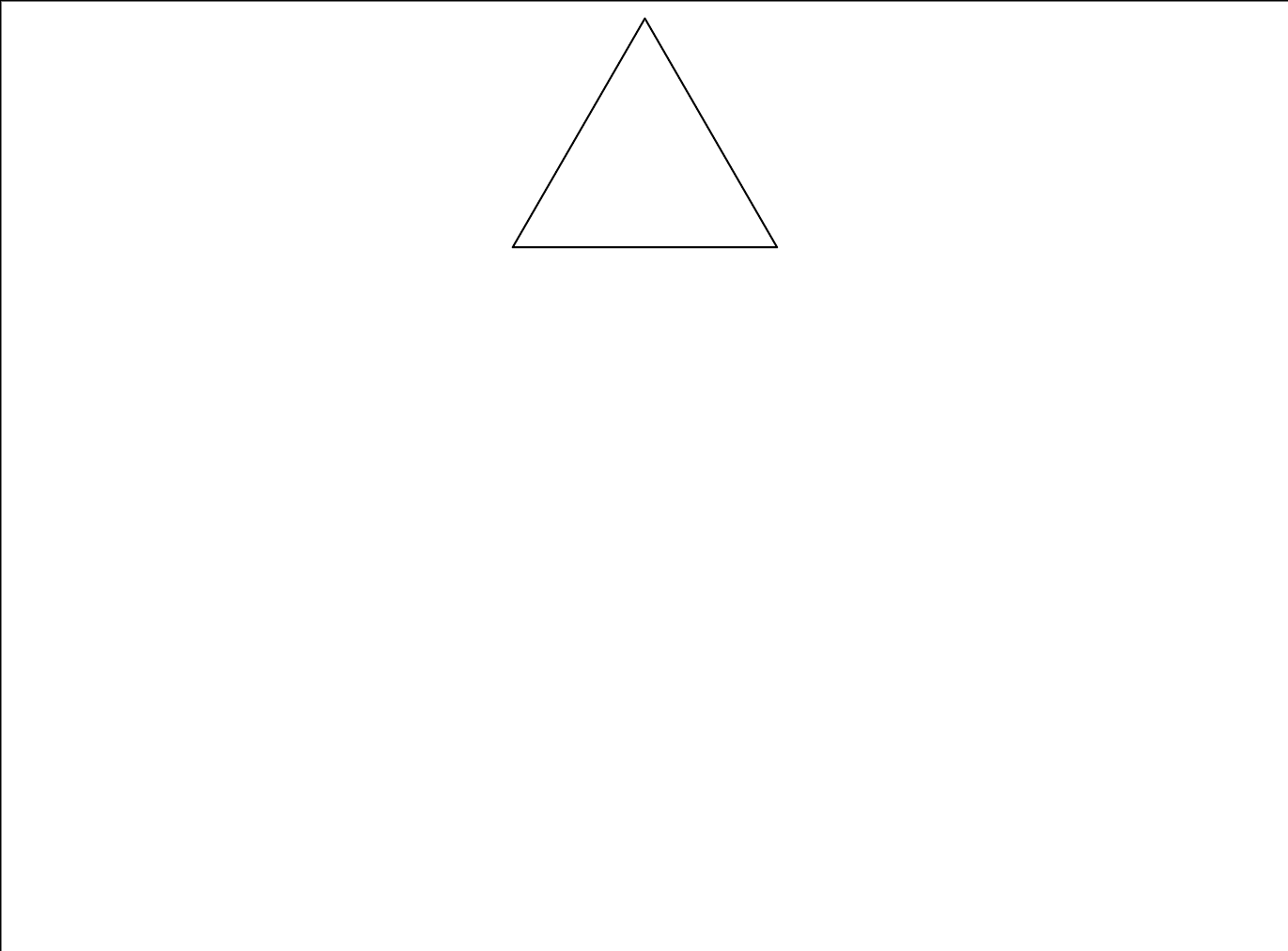
### Section Summary

Section Summary

In this section, we used objects to make and break apart numbers in different ways.

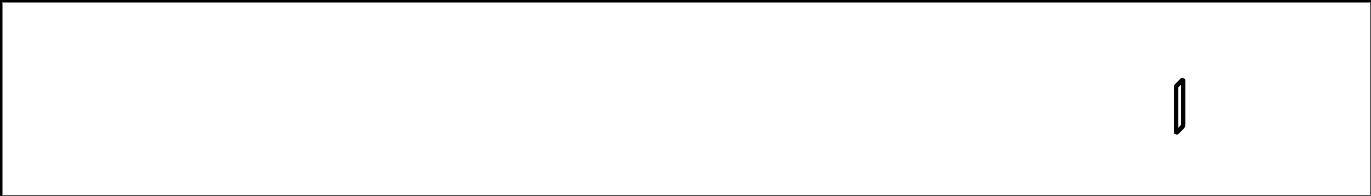


There are 8 pattern blocks.  
There are 2 red trapezoids and 6 green triangles.

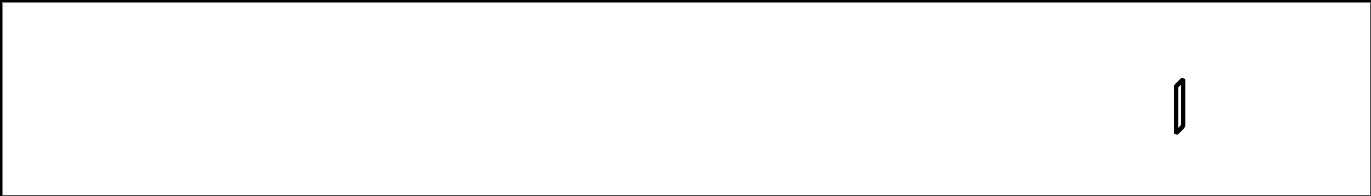


There are 8 pattern blocks.  
There are 3 green triangles and 5 red trapezoids.

We wrote expressions to show different ways to make and break apart numbers.



There are 6 connecting cubes.  
6 is .



There are 6 connecting cubes.  
6 is .



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