## Lesson 8: Shake, Spill, and Cover

* Let’s solve a new kind of story problem.

### 8.1: Introduce Shake and Spill, Cover

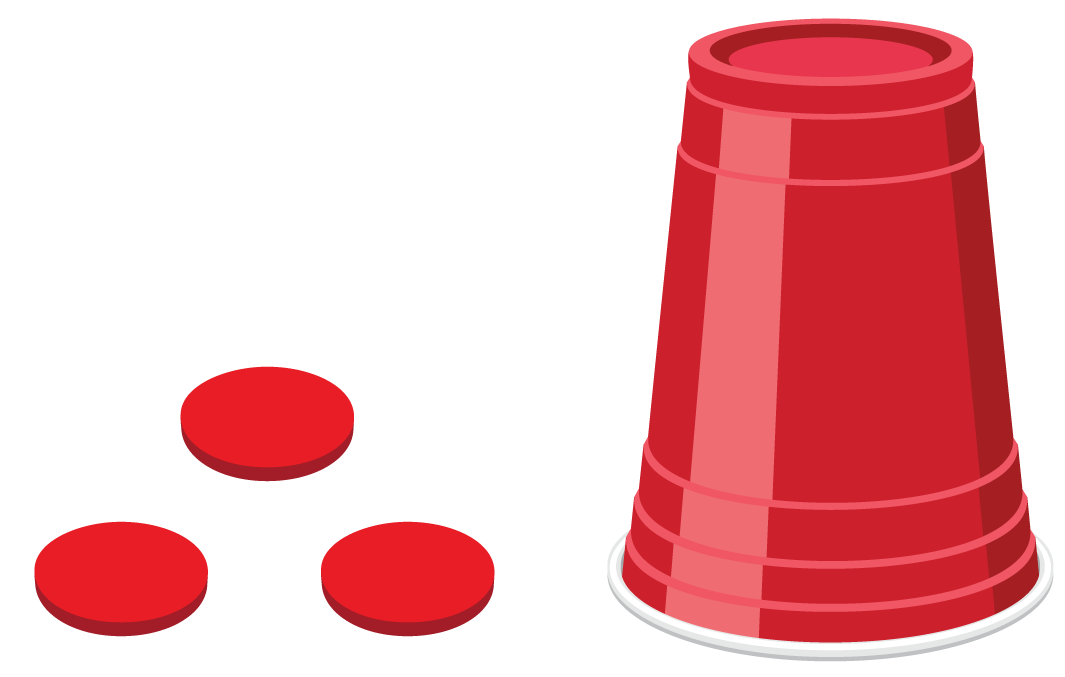
| total number of counters | red counters | yellow counters | equations |
| --- | --- | --- | --- |
|  |  |  |  |

Round 1:

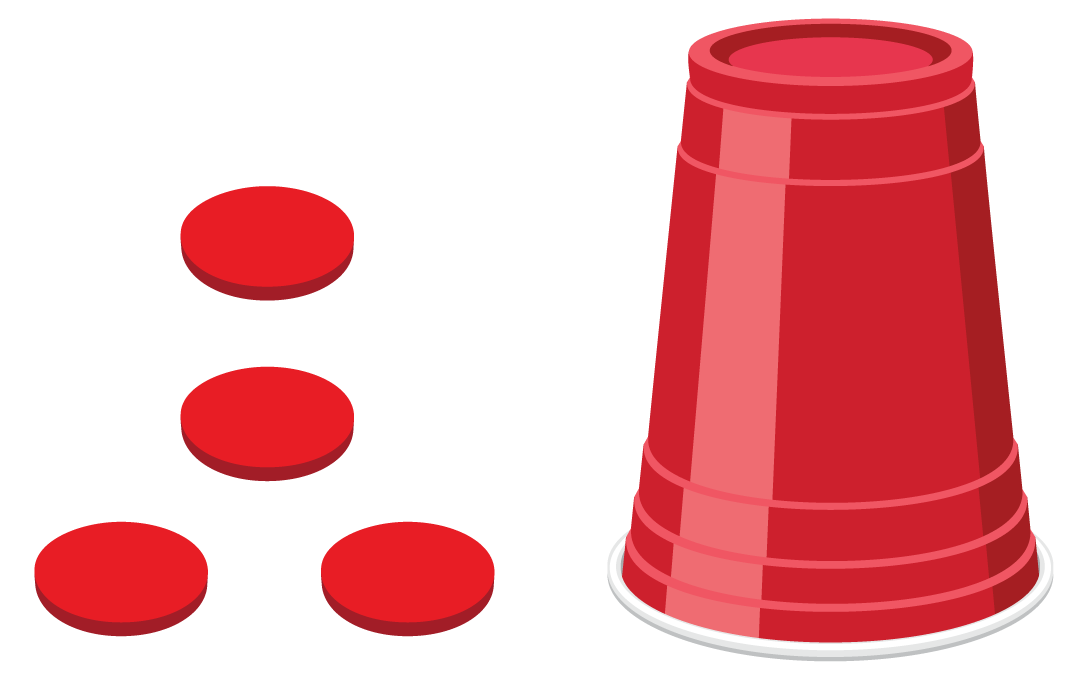
| total number of counters | red counters | yellow counters | equations |
| --- | --- | --- | --- |
| 10 |  |  |  |
| 10 |  |  |  |
| 10 |  |  |  |
| 10 |  |  |  |
| 10 |  |  |  |
| 10 |  |  |  |

### 8.2: Shake and Spill, Cover Problems



* 
* There are 9 counters total.  
  How many counters are under the cup?
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



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* There are 7 counters total.  
  How many counters are under the cup?
* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. There are 6 counters outside the cup.  
   Some of the counters are under the cup.  
   There are 10 counters total.  
   How many counters are under the cup?

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. There are 3 counters outside the cup.  
   Some of the counters are under the cup.  
   There are 8 counters total.  
   How many counters are under the cup?

* Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



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