

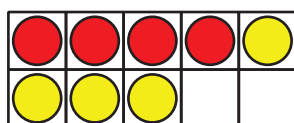
Lesson 12: How Many Are Missing?

- Let's fill 10-frames in different ways.

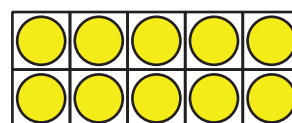
Warm-up: Which One Doesn't Belong: 10-frames

Which one doesn't belong?

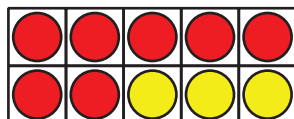
A



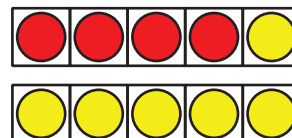
B



C



D



12.1: Shake, Spill, and Arrange with 10

$$10 = 5 + 5$$

$$10 = 9 + 1$$

$$10 = 4 + 6$$

$$10 = 2 + 8$$

$$10 = 6 + 4$$

$$10 = 3 + 7$$

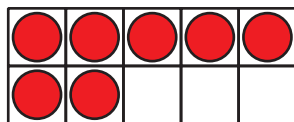
$$10 = 1 + 9$$

$$10 = 8 + 2$$

$$10 = 5 + 5$$

12.2: How Many to Fill the 10-frame?

1.

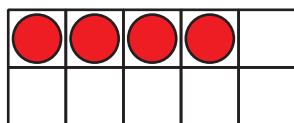


$$10 = 7 + 3$$

$$10 = 8 + 2$$

$$10 = 5 + 5$$

2.

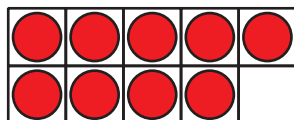


$$10 = 8 + 2$$

$$10 = 1 + 9$$

$$10 = 4 + 6$$

3.

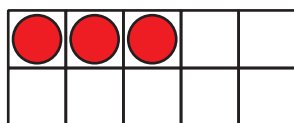


$$10 = 9 + 1$$

$$10 = 5 + 5$$

$$10 = 7 + 3$$

4.

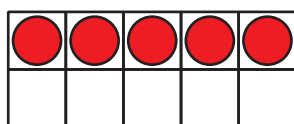


$$10 = 5 + 5$$

$$10 = 3 + 7$$

$$10 = 2 + 8$$

5.

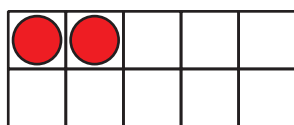


$$10 = 9 + 1$$

$$10 = 6 + 4$$

$$10 = 5 + 5$$

6.



$$10 = 1 + 9$$

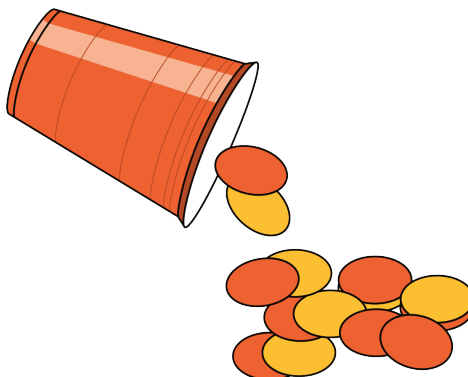
$$10 = 2 + 8$$

$$10 = 4 + 6$$

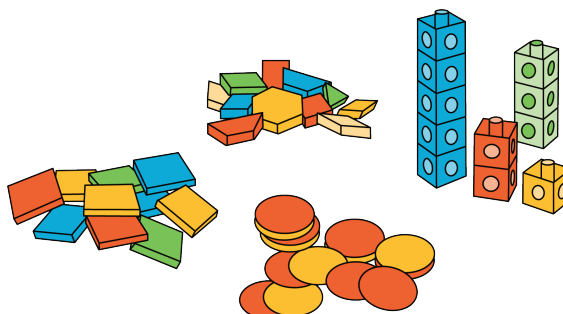
12.3: Centers: Choice Time

Choose a center.

Shake and Spill



Counting Collections



Roll and Add

