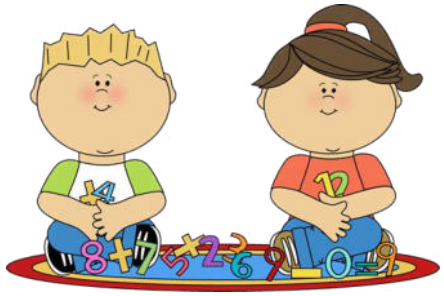
Unit 1 Center Overview

IM K–5 MATH™ v.1

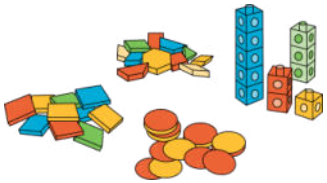
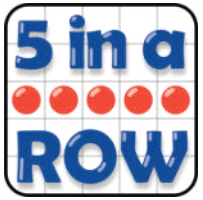
Math Centers



Unit 1

Adding, Subtracting, and Working with Data

1

 Counting Collections	 Number Race	 Check It Off	 Five in a Row
 Find the Pair	 What's Behind My Back	 Sort and Display	

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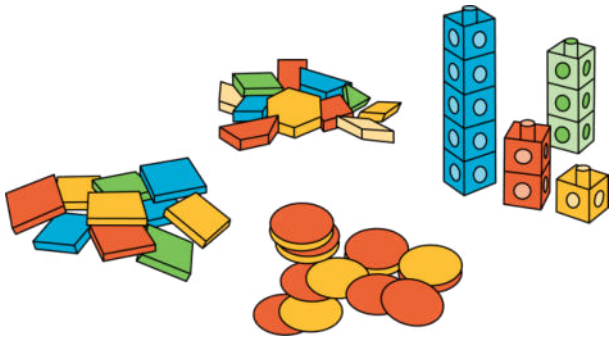
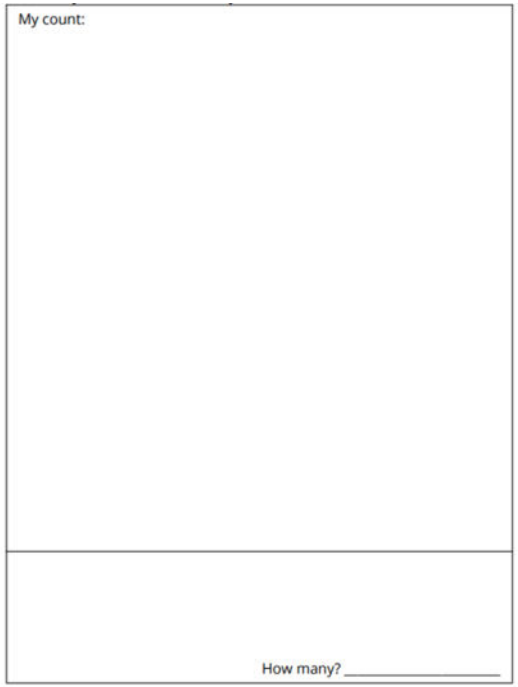
Kendall Hunt

Counting Collections, Stage 1: Up to 20





How many are there? Show how you counted.

Materials:

Collection of objects

10-frame

Stage 1 & 2 recording sheet

Directions:

Work with a partner to figure out how many objects are in your collection and then each partner shows how many. You may draw pictures or write numbers to represent your collection.

Number Race, Stage 3: Add to 10

1	2	3	4	5	6	7	8	9	10

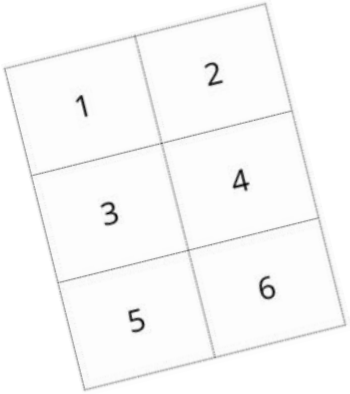
Materials:

Dot cubes

Stage 3 gameboard

Stage 3 Directions:

- Roll the dot cubes and find the total number of dots.
- Show your partner how you know.
- Record the total on the gameboard.
- If the total is more than 10, roll the cubes again.



	✓ Found it!	expression
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Materials:

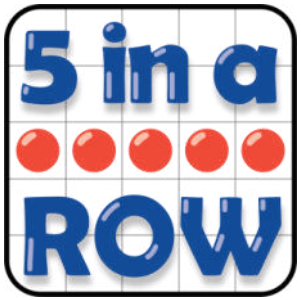
Number cards 0-10 or Dot cubes (6 is wild card)

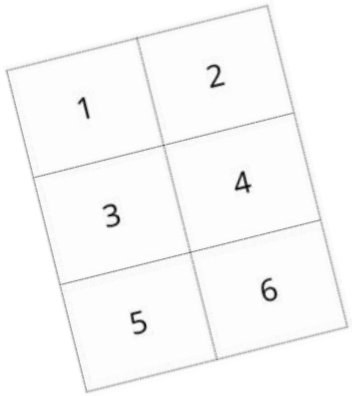
Stage 1 (addition) gameboard

Stage 2 (subtraction) gameboard

Stage 1 Directions:

- Addition - Take turns choosing two cards, finding the **sum**, and writing an addition expression. You may have more than one expression for each sum.
- Subtraction - Take turns choosing two cards, finding the **difference**, and writing a subtraction expression. You may have more than one expression for each difference.





2	4	9	8	3
5	7	6	10	9
8	3	FREE	5	4
9	2	10	3	7
6	5	8	9	4

Materials:

Number cards 0-10

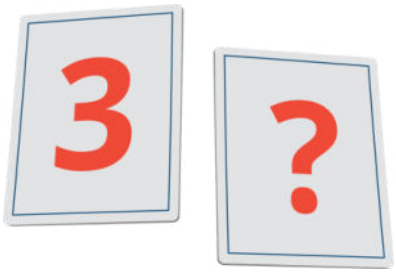
Two-color counters

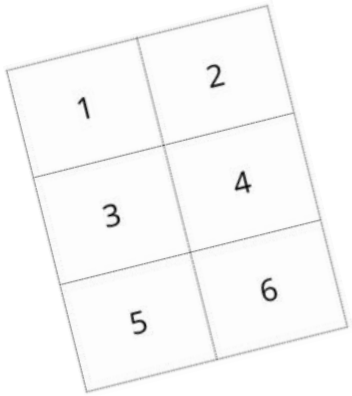
Stage 1 or 2 gameboard

Stage 1 Directions:

- Add 1 or 2 - Take turns choosing a number card and choose to add 1 or 2 to the number on your card, then place your counter on the **sum**.
- Subtract 1 or 2 - Take turns choosing a number card and choose to subtract 1 or 2 from the number on your card, then place your counter on the **difference**.

Find the Pair, Stage 2: Make 10





____ + ____ = 10

____ + ____ = 10

____ + ____ = 10

Materials:

Number cards 0-10

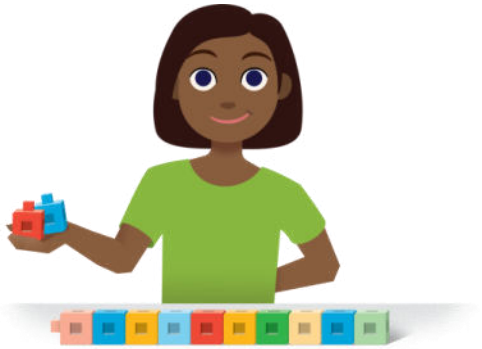
Two-color counters, 10-frames

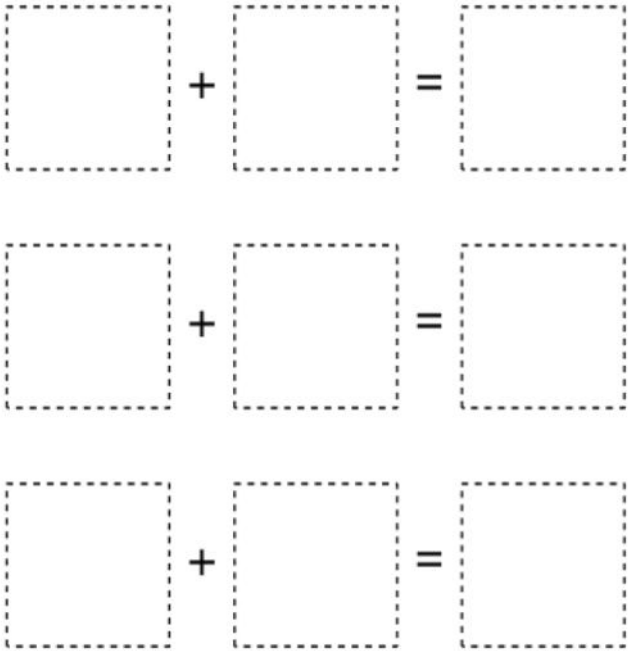
Stage 2 recording sheet

Directions:

- Each person gets 5 cards to start.
- Ask your partner for a number that can be added to one of your cards to make 10.
- If they have the card, put the pair of cards down and fill in the equation.
- If they don't have that card, pick a card from a pile.
- The partner with the most pairs at the end of the game wins.

What's Behind My Back, Stage 2: 10 cubes





Materials:

10 connecting cubes

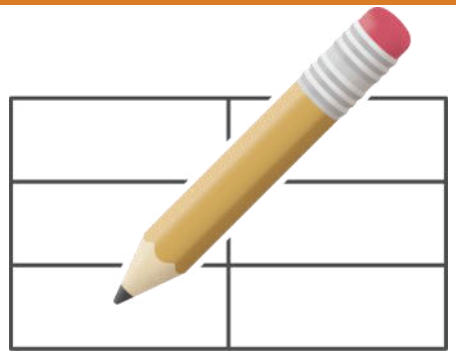
Two-color counters, 10-frames

Stage 2 recording sheet

Directions:

- Start with a tower of 10 cubes.
- Partner A: Put the tower behind your back, and break off some cubes. Show your partner the rest of the tower.
- Partner B: Record an addition equation with a blank to represent the missing cubes.
- Partner A: Ask, "How many are behind my back? How do you know?"

Sort and Display, Stage 1



Materials:

Collection of objects

Stage 1 recording sheet

Directions:

- Choose 2 or 3 categories to sort your objects into.
- Show how you sorted.
- Show what you made to a partner. Ask them a question about how you sorted.