Unit 8, Lesson 2

Relate Addition and Subtraction

Let's look at the relationship between addition and subtraction.

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Warm-up

Number Talk: Connect Addition and Subtraction

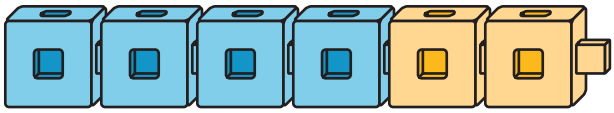
Find the value of each expression mentally.

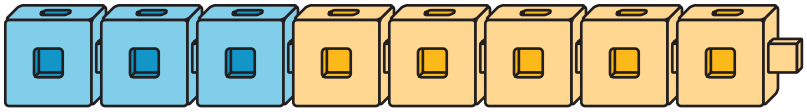
- $5 + 4$
- $4 + 5$
- $9 - 4$
- $9 - 5$

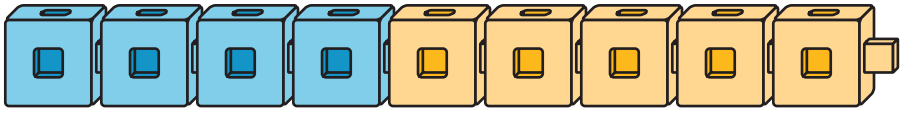
Activity 1

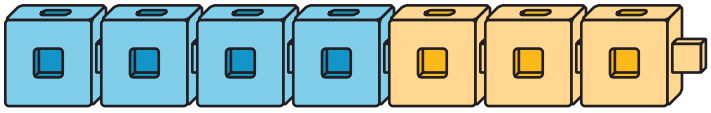
Cube Tower Addition and Subtraction

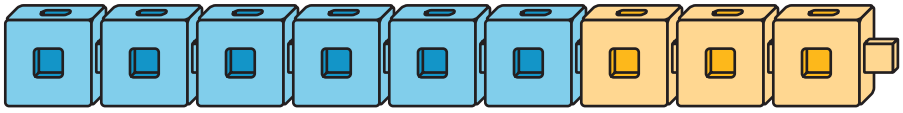
Write an addition and a subtraction equation to match the connecting cubes.

1. 

2. 

3. 

4. 

5. 

Activity 2

Find the Unknown Number

Find the number that makes each equation true.
Explain to your partner how you found it.

1. $4 + \square = 9$

2. $9 - 5 = \square$

3. $\square + 5 = 8$

4. $8 - 3 = \square$

5. $7 - 4 = \square$

6. $8 = 2 + \square$

7. $8 - \square = 4$

Activity 3

Differences I Know

Color the differences you know.

10-0	10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8	10-9	10-10
9-0	9-1	9-2	9-3	9-4	9-5	9-6	9-7	9-8	9-9	
8-0	8-1	8-2	8-3	8-4	8-5	8-6	8-7	8-8		
7-0	7-1	7-2	7-3	7-4	7-5	7-6	7-7			
6-0	6-1	6-2	6-3	6-4	6-5	6-6				
5-0	5-1	5-2	5-3	5-4	5-5					
4-0	4-1	4-2	4-3	4-4						
3-0	3-1	3-2	3-3							
2-0	2-1	2-2								
1-0	1-1									

Write each difference that isn't colored on an index card.

Write an addition equation on the card that can help you find the value of the difference.

