

Lesson 2: Relate Addition and Subtraction

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

Warm-up: Number Talk: Connect Addition and Subtraction

Find the value of each expression mentally.

- $5 + 4$

- $4 + 5$

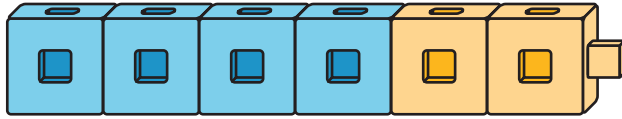
- $9 - 4$

- $9 - 5$

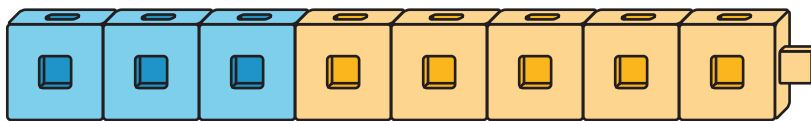
2.1: Cube Tower Addition and Subtraction

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

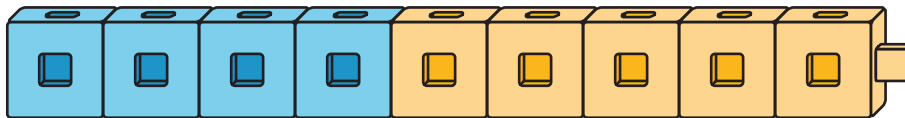
1.



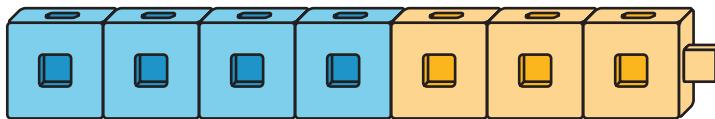
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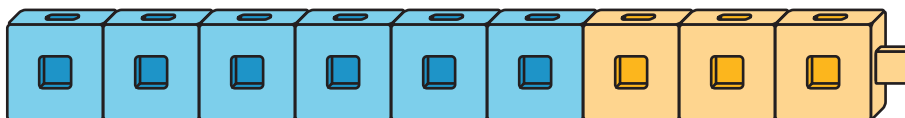
3.



4.



5.



2.2: Find the Unknown Number

Find the number that makes each equation true.

Explain to your partner how you found it.

$$1. 4 + \square = 9$$

$$2. 9 - 5 = \square$$

$$3. \square + 5 = 8$$

$$4. 8 - 3 = \square$$

$$5. 7 - 4 = \square$$

$$6. 8 = 2 + \square$$

$$7. 8 - \square = 4$$

2.3: Differences I've Got

Color the differences you know the value of from memory.

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 is not colored, on an index card.

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

