Grade 1 Unit 8
Lesson 2
CC BY 2021 Illustrative Mathematics®

## Unit 8 Lesson 2: Relate Addition and Subtraction

WU Number Talk: Connect Addition and Subtraction (Warm up)
Student Task Statement
Find the value of each expression mentally.

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


## 1 Cube Tower Addition and Subtraction

## Student Task Statement

Write an addition and a subtraction equation to match the connecting cubes.
1.

2.

3.

4.

5.


## 2 Find the Unknown Number

## Student Task Statement

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. 


4. $8-3=$ $\square$
5. $7-4=$ $\square$
6. $8=2+$ $\square$
7. $8-\square=4$

## 3 Differences I've Got

## Student Task Statement

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.

$$
4+3=7 \quad 6+3=9
$$



