## Grade 3 Unit 3

Lesson 8
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## Unit 3 Lesson 8: Subtraction Algorithms (Part 1)

## WU Number Talk: Subtraction Strategies (Warm up)

## Student Task Statement

Find the value of each expression mentally.

- 100-98
- 101-99
- 200-98
- 204-98


## 1 From Drawings to an Algorithm

## Student Task Statement

Jada and Kiran found the value of 391 - 215 . Their work is shown.
Jada's drawing


Kiran's algorithm

| 80 |
| ---: |
| $300+\boldsymbol{1 1}$ |
| $-\quad 200+10+5$ |

1. Explain how Kiran's algorithm starts.
2. Explain how Kiran recorded the decomposition of the ten into more ones.
3. Finish Kiran's work.

## 2 Card Sort: Diagrams and Algorithms

## Student Task Statement

Your teacher will give you a set of cards. Match each diagram with an algorithm.


Images for Activity Synthesis

$$
\begin{array}{r}
300+30+7 \\
+\quad 200+30+6 \\
\hline 500+60+13
\end{array}
$$

$$
60 \quad 13
$$

$$
500+26+\not 2
$$

$$
\frac{200+30+6}{300+30+7}
$$

