

| Subtraction |  |
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| －What is subtraction？ |  |
| －How can you introduce subtraction to a child？ |  |
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## Definition－take away approach


－Let $a$ and $b$ any two whole numbers，and $A$ and $B$ sets such that $n(A)=a$ and $n(B)=b$ ，and $B \subseteq A$ ．Then

$$
\mathrm{a}-\mathrm{b}=\mathrm{n}(\mathrm{~A} \mid \mathrm{B})
$$

－ $\mathrm{a}-\mathrm{b}$ is called the difference of a and b

## Missing addend approach

－I have a box of chocolates that will fit 7 ，but there are only three inside．How many more do I need to fill the box？
$\because:$
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## Exercises

- What can you say about 3-5 under either approach to subtraction?
- Which approach can you use in the following problem: "If Maria has 7 books in her book bag, and Arielle has 4, how many more books does Maria have?"




## Subtraction algorithm

- Explain the standard algorithm for subtraction.
- Subtract from the base algorithm

