

Synchronous Learning Session #3a

Number Sense

Whole Numbers

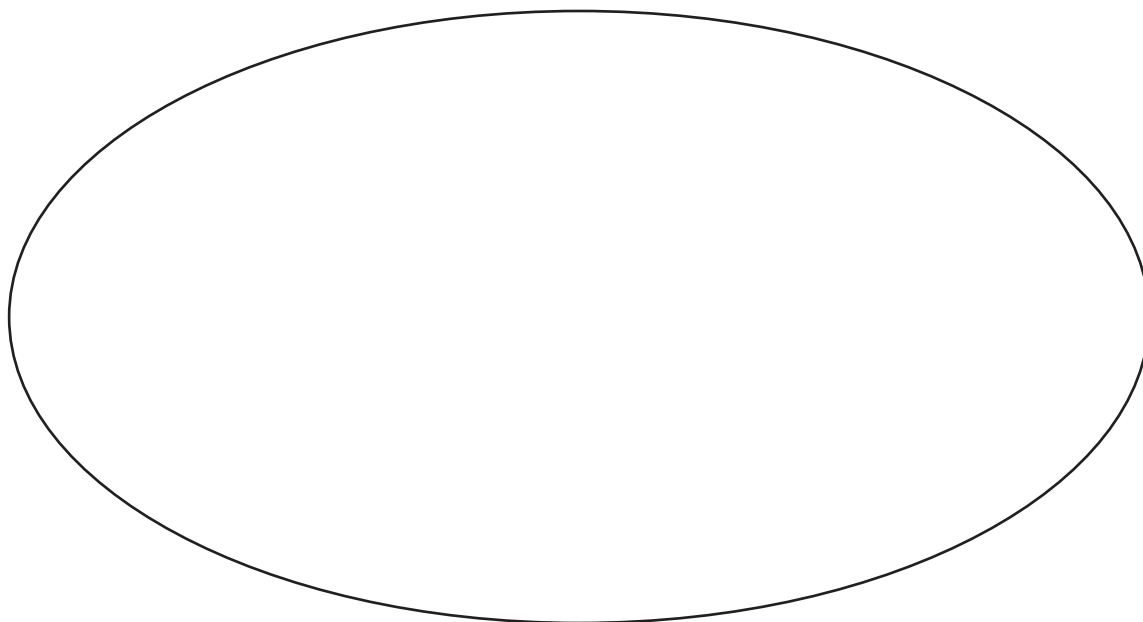
Sarah Powell
November 2023

Counting Principles

Stable Order	
One-to-One Correspondence	
Cardinality	
Abstraction	
Order Irrelevance	

Ten Frame

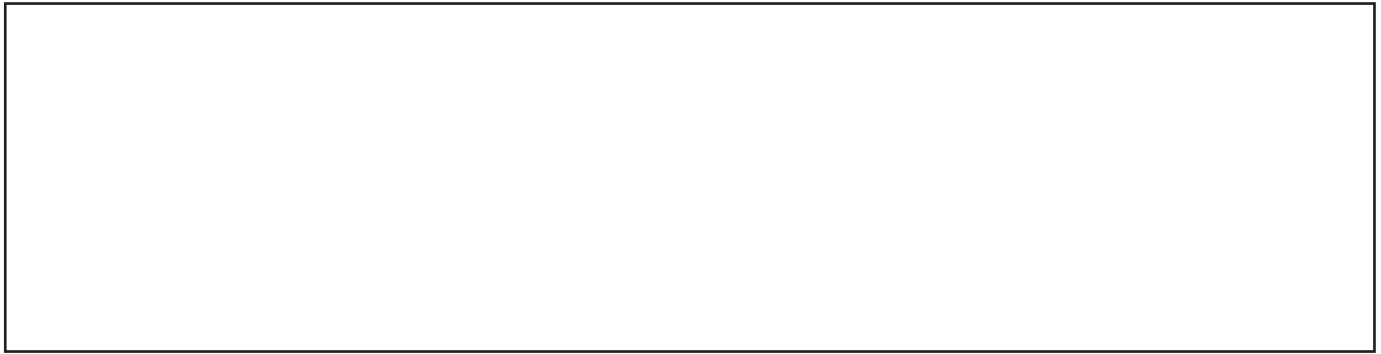
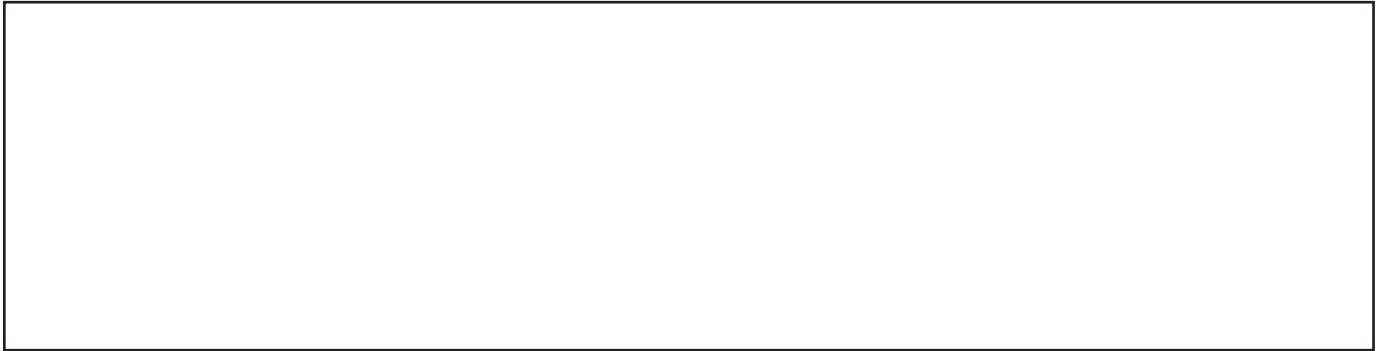
Zero



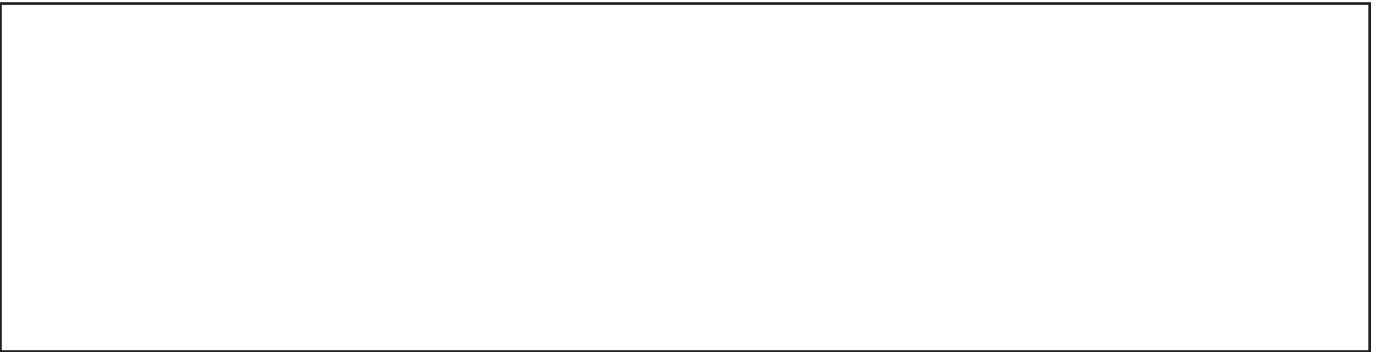
Three Representations of Number

A large, empty rectangular box with a thin black outline, positioned below the title. It is intended for the first of three representations of the number zero.A large, empty rectangular box with a thin black outline, positioned below the first box. It is intended for the second of three representations of the number zero.A large, empty rectangular box with a thin black outline, positioned below the second box. It is intended for the third of three representations of the number zero.

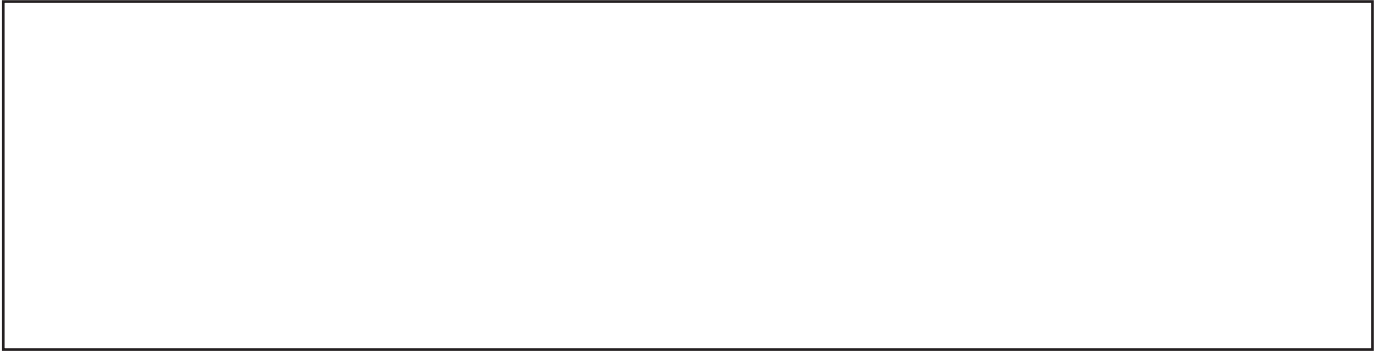
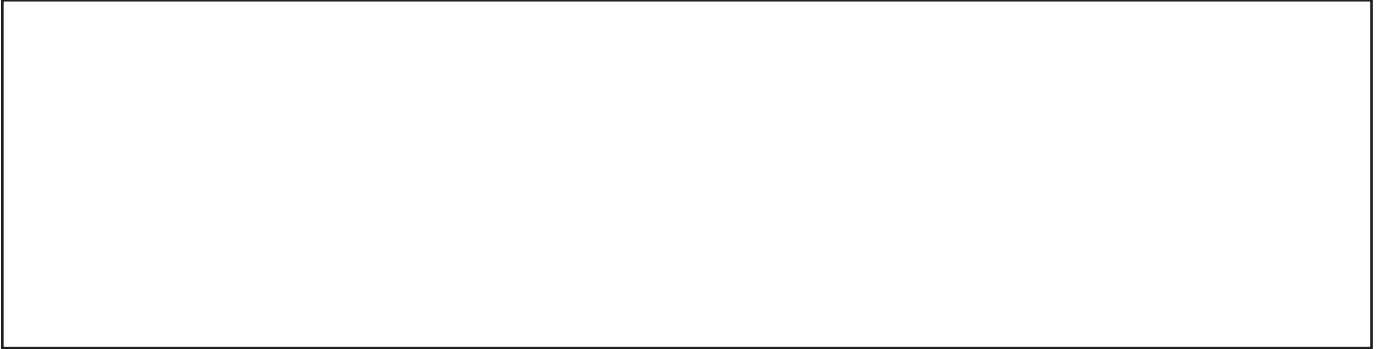
Addition Concepts

A large, empty rectangular box with a black border, intended for writing or drawing related to addition concepts.A large, empty rectangular box with a black border, intended for writing or drawing related to addition concepts.

Subtraction Concepts

A large, empty rectangular box with a black border, intended for writing or drawing related to subtraction concepts.A large, empty rectangular box with a black border, intended for writing or drawing related to subtraction concepts.

Multiplication Concepts

A large, empty rectangular box with a black border, intended for writing or drawing related to multiplication concepts.A large, empty rectangular box with a black border, intended for writing or drawing related to multiplication concepts.

Division Concepts

A large, empty rectangular box with a black border, intended for writing or drawing related to division concepts.A large, empty rectangular box with a black border, intended for writing or drawing related to division concepts.

Hundreds	Tens	Ones

Addition Computation

$$24 + 35 =$$

$$64 + 29 =$$

Subtraction Computation

$$75 - 42 =$$

$$61 - 38 =$$

Multiplication Computation

$$13 \times 47 =$$

$$123 \times 24 =$$

Division Computation

$$804 \div 12 =$$

$$1,746 \div 18 =$$