

COMPARING NUMBERS

Kid2Kid Tutorials

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1 MATERIALS AND OBJECTIVES

1.1 MATERIALS

Materials	Included	Notes	Where to find them
Blocks	No		Amazon
Pen or Markers	No		Office Supply Store/Amazon
Laptop, Computer, or Tablet	No		N/A
Worksheets	Yes		In Plan
Number Cards	Yes		In Plan
Video	Yes		YouTube

1.2 OBJECTIVES

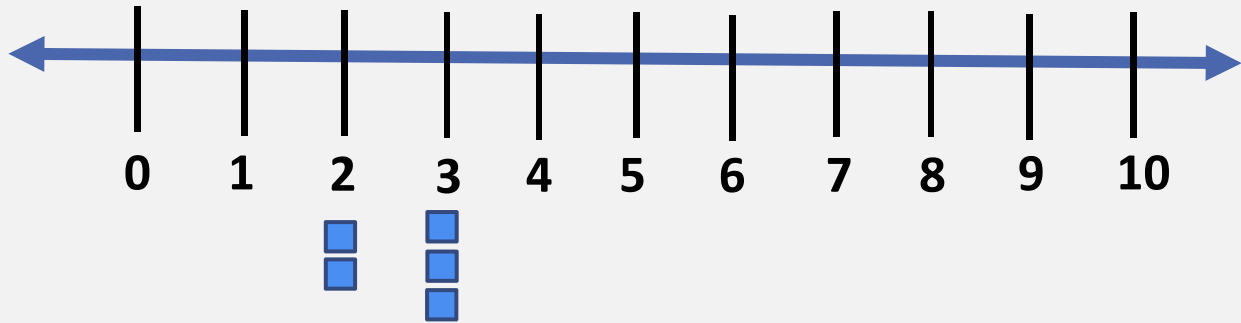
- ❖ Number comparison
- ❖ Use the comparison symbols ($>$, $<$, $=$)
- ❖ Using a number line

1.3 VIDEOS

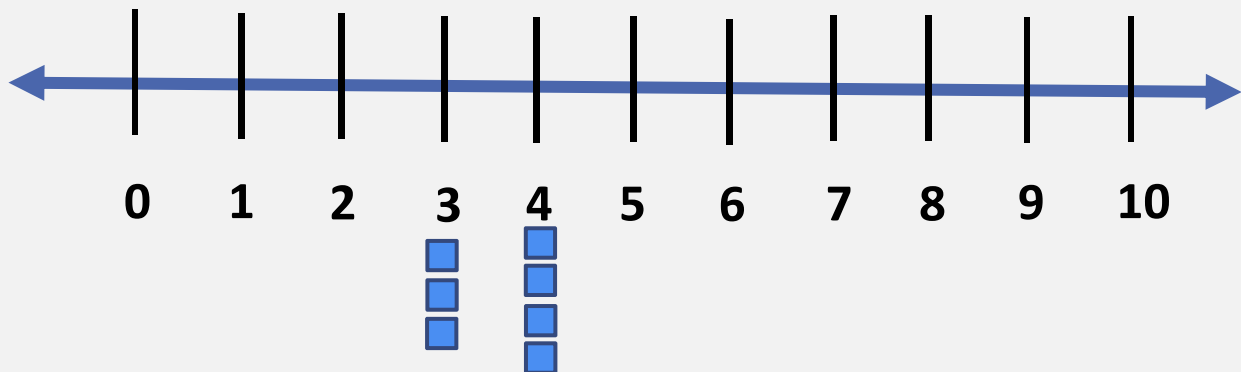
Video linked in this document.

2 COMPARING NUMBERS WITH A NUMBER LINE

- Draw out a number line.
- Choose a number on the line and layout blocks.
- Layout blocks for the next number on the number line
- Ask which number is bigger/has the most blocks (let student count out the blocks)
- Explain the number with more blocks is bigger
- Repeat a few times and show that the numbers are bigger as they move to the right and smaller as they move to the left.



Explain that 2 is **smaller** than 3 and 3 is **bigger** than 2



Explain that 3 is **smaller** than 4 and 4 is **bigger** than 3

- Go back to the first number line and state that since 2 is smaller than 3 and 3 is smaller than 4, then 2 is smaller than 4.

3 COMPARISON SIGNS

3.1 WATCH VIDEO

Sign	Meaning	Notes
$>$	Greater than	Pacman eats the bigger one
$<$	Less than	Pacman eats the bigger one
$=$	Equal to	They are the same

- Go over the comparison symbols
- Draw or print out number cards and comparison signs
- Lay out a couple of numbers. Have the student use the comparison signs to compare the numbers.
 - * If needed use blocks.

Example:

12

$>$

7

7

$<$

12

4 NUMBER CARD AND COMPARISON SIGNS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

<

>

=

5 WORKSHEET USING BLOCKS/OBJECTS

Example: Compare 5 and 7

5 😊😊😊😊😊 7 😊😊😊😊😊😊😊

7 is bigger, or larger, or greater than 5 5 is less or smaller than 7

Problems: Draw blocks or objects than compare. Use the terms bigger, larger, greater, less, smaller, or equal.

1. Compare 6 and 3

6

3

6 is _____ than 3

3 is _____ than 6

2. Compare 7 and 14

7

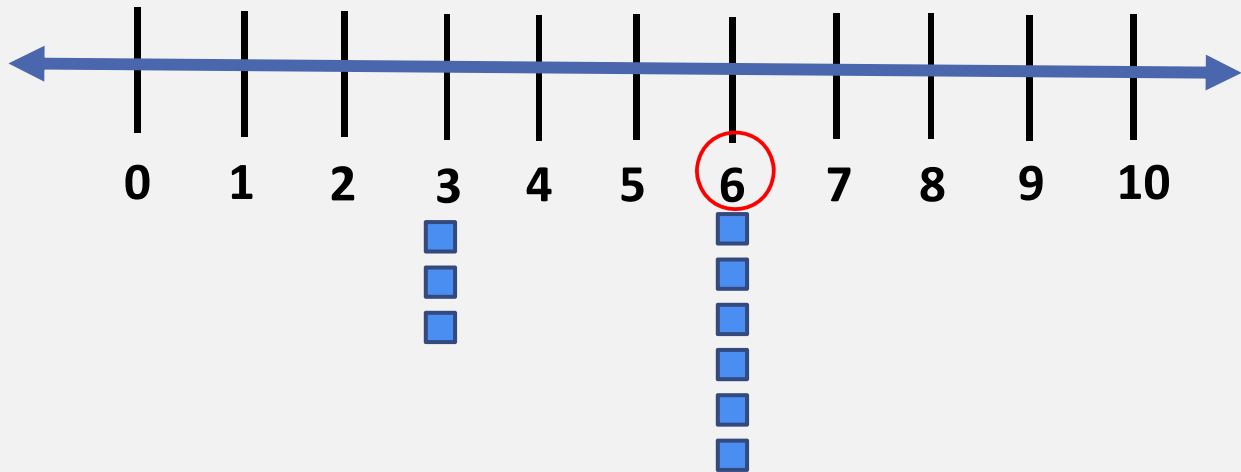
14

7 is _____ than 14

14 is _____ than 7

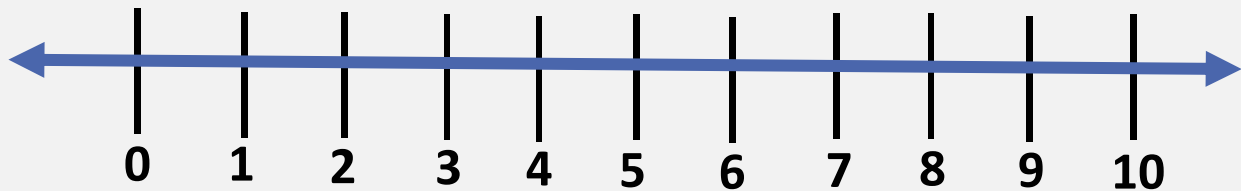
6 COMPARING NUMBERS USING A NUMBER LINE

Example: Compare 3 and 6. Use blocks if needed. Circle the larger number.

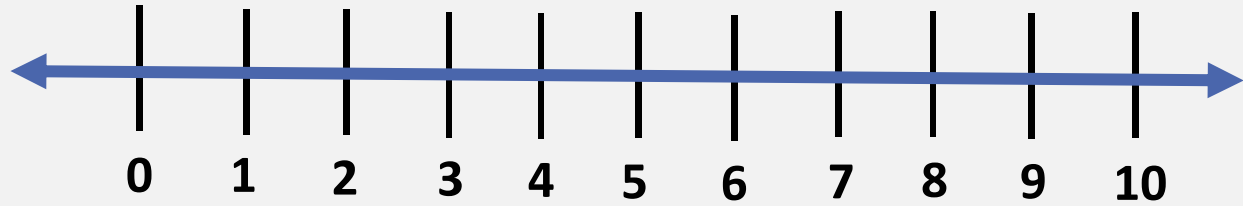


Problems: Compare the numbers below (use blocks if needed). Circle the larger number.

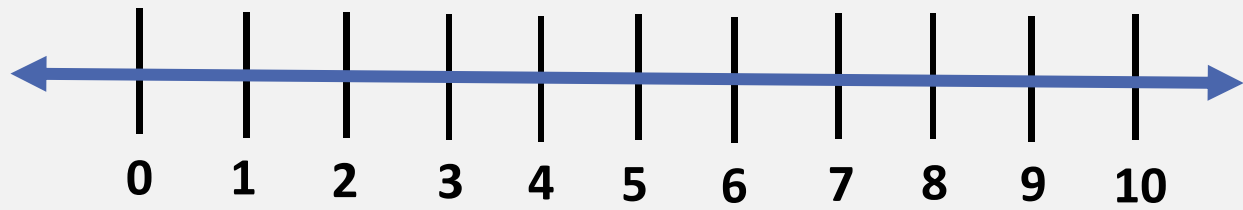
1. Compare 7 and 9



2. Compare 1 and 4



3. Compare 8 and 10



7 COMPARING NUMBERS USING $<$, $>$, AND $=$

Example: Compare 25 and 30

$$25 < 30 \text{ and } 30 > 25$$

Problems: Compare the numbers using the comparison signs $<$, $>$, and $=$

1. Compare 7 and 7

$$7 \underline{\hspace{1cm}} 7$$

2. Compare 15 and 9

$$15 \underline{\hspace{1cm}} 9 \text{ and } 9 \underline{\hspace{1cm}} 15$$

3. Compare 35 and 36

$$35 \underline{\hspace{1cm}} 36 \text{ and } 36 \underline{\hspace{1cm}} 35$$

4. Compare 10 and 11

$$10 \underline{\hspace{1cm}} 11 \text{ and } 11 \underline{\hspace{1cm}} 10$$