

# Comparing Numbers (More or Less)

**How to use:** Print first for the main practice. Then use the device to repeat activities and save progress.

## LEARNING OBJECTIVES

- 1 Look at two numbers
- 2 Say which is more and which is less
- 3 Explain how you know using counting or a number line
- 4 Recognise when two numbers are equal

## MINI LESSON

Which pile of grapes is bigger — 3 or 7? Numbers tell us how many, and we can always compare them to find out which is more and which is less!

### What "more" means

- A number is more when it is further along in the counting order.
- Example: 7 is more than 3 because we say 7 after 3 when counting.
- On a number line, the number further to the right is always more.

### What "less" means

- A number is less when it comes earlier in the counting order.
- Example: 3 is less than 7 because 3 comes before 7.
- On a number line, the number further to the left is always less.

### Two ways to compare

- Count objects: Line them up and see which group has leftovers.
- Use the number line: The number on the right is always more.

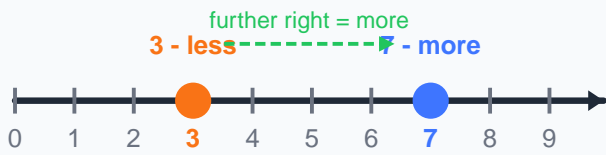
### When numbers are equal

- If two numbers are the same — like 5 and 5 — they are equal.
- Neither is more and neither is less.

## VOCABULARY

<b>More</b>	A number further along in the counting order <i>e.g. 7 is more than 3</i>
<b>Less</b>	A number earlier in the counting order <i>e.g. 3 is less than 7</i>
<b>Equal</b>	Two numbers that are the same <i>e.g. 5 = 5</i>

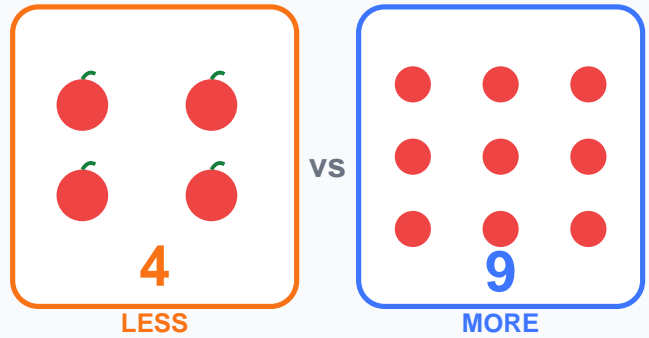
## Number Line — Who is more?



### The Rule

Right on the number line = MORE  
Left on the number line = LESS  
Same position = EQUAL

## Compare by counting objects



9 is more because it comes later when counting.

! Ask yourself: "Which number comes later when I count? That one is more!"

## TRACING PRACTICE

Trace each number or sentence, then copy it twice on the lines below.

TRACE

3

COPY 1

COPY 2

TRACE

7

COPY 1

COPY 2

TRACE

4

COPY 1

COPY 2

TRACE

9

COPY 1

COPY 2

TRACE

10

COPY 1

COPY 2

TRACE

15

COPY 1

COPY 2

TRACE

20

COPY 1

COPY 2

TRACE

50

COPY 1

COPY 2

TRACE

$3 < 7$

COPY 1

COPY 2

TRACE

$7 > 3$

COPY 1

COPY 2

TRACE

$$9 > 4$$

COPY 1

COPY 2

TRACE

$$5 = 5$$

COPY 1

COPY 2

TRACE

$$10 > 6$$

COPY 1

COPY 2

Tip: When you trace a comparison like " $3 < 7$ ," say it aloud: "3 is less than 7."

### EXERCISES — SORT & MATCH

Write each number in the correct column.

WORDS TO SORT

3 14 7 20 1 18 9 11 5 25 2 13

Less than 10

More than 10

### EXERCISES — MULTIPLE CHOICE

**1. Which number is more — 5 or 8?**

- 5
- 8
- They are equal

**2. On a number line, the number further to the RIGHT is always —**

- more
- less
- equal

**3. You have 6 red blocks and 6 blue blocks. Which group has more?**

- Red blocks
- Blue blocks
- Neither — they are equal

**4. Which number is less — 2 or 9?**

- 9
- 2
- They are equal

**5. What is the best way to compare two numbers?**

- Find them on the number line and see which is further right
- Always pick the one with more digits
- Always pick the one that looks bigger on the page

**6. Is 15 more than or less than 10?**

- Less than 10
- Equal to 10
- More than 10

**7. You have 4 pencils and 7 pencils. How can you check which is more?**

- Pick the longer pencil
- Line them up one-to-one and see which group has leftovers
- Count only the shorter group

**8. Which number is less than all the others — 1, 5, or 9?**

- 1
- 5
- 9

**9. On a number line, the number further to the LEFT is always —**

- more
- equal
- less

**10. Sam has 50 stickers. Mia has 100 stickers. Who has more?**

- Sam
- Mia
- They have the same

## ASSESSMENT

### PARENT / TEACHER CHECKLIST

- Points to the larger of two numbers shown on a number line or hundred chart without help.
- Says "X is more than Y because it comes later when counting" or uses the number line to explain.
- Sorts a set of numbers into more-than and less-than groups correctly on the first attempt.
- Correctly identifies two equal numbers and states that neither is more nor less.