

DOUBLE NUMBER LINE RATIO MAT

WHAT IS A DOUBLE NUMBER LINE?

A double number line shows two related quantities on separate lines with the same scale. It helps us find equivalent ratios and solve problems.



HOW TO USE

- 1 Write the given ratio at the start (zero).
- 2 Choose a unit rate or scale.
- 3 Mark equal steps on both lines.
- 4 Use the lines to find equivalent values or solve problems.

1. GIVEN RATIO

Ratio: :

2. UNIT / SCALE

Each step represents:

3. DOUBLE NUMBER LINE

QUANTITY A



QUANTITY B



4. EQUIVALENT RATIOS

List equivalent ratios from the number lines.

_____ : _____

_____ : _____

_____ : _____

_____ : _____

_____ : _____

5. SOLVE IT

Use the double number line to solve problems.

If **Quantity A** is _____,
then **Quantity B** is _____.

If **Quantity B** is _____,
then **Quantity A** is _____.

6. NOTES / WORKING

HELPFUL
TIPS



Keep the steps
equal on both
lines.



Multiply or divide
both quantities by
the same number.



Look for patterns
and simple unit
rates.



Check your answer
in both directions.