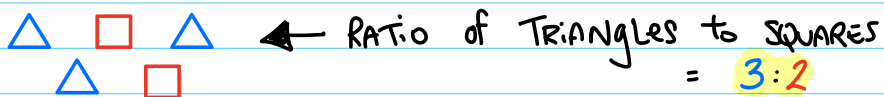


RATIOS

A **RATIO** COMPARES TWO OR MORE VALUES.

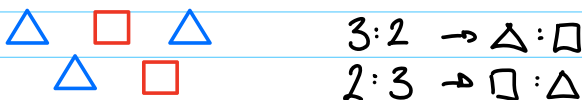
↳ STATES HOW MUCH OF ONE THING THERE IS COMPARED TO ANOTHER.



RATIO NOTATION: A:B is THE RATIO of A to B

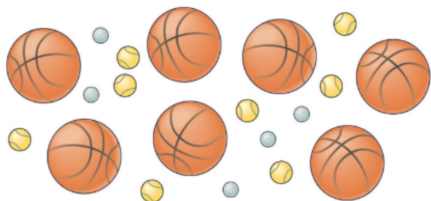
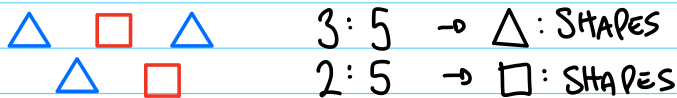
PART TO PART RATIO → "FOR EVERY _____ SOMETHINGS, THERE ARE _____ SOMETHINGS"

↳ PART of A SET to PART of A SET



PART TO WHOLE RATIO → "OUT of _____ SOMETHINGS, _____ OF THEM ARE SOMETHING"

↳ PART of A SET to ALL the THINGS



TENNIS : BASKETBALL

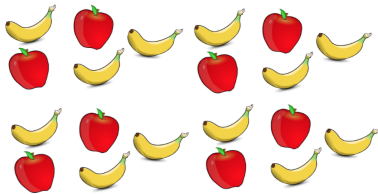
8 : 7

EQUIVALENT RATIO: Two different ratios that represent the same value.



3:2 → BANANAS: APPLES.

"FOR EVERY 3 BANANAS, THERE ARE 2 APPLES"



12:8 → BANANAS: APPLES

3:2 $\xrightarrow{\times 4}$ 12:8 → EQUIVALENT RATIOS.
 $\xleftarrow{\times 4}$

2:5 = $\xrightarrow{\times 2}$ 4:10

7:14 = $\xrightarrow{\times 2}$ 1:2

2:5 $\xrightarrow{\times 2}$ 4:10