

Episode 29: Ratio Tables

USE THIS AS YOU LISTEN TO KEEP TRACK OF THE RELATIONSHIPS

MULTIPLICATION:

Problem:

If you have 3 apples in each bag, how many apples do you have in 4 bags?

Ratio Table representing a strategy:

Number of Bags	1	2	4
Number of Apples	3	6	12

Problem:

$$42 \times 15$$

Ratio Table representing a strategy, thinking about fifteen 42s:

1	10	5	15
42	420	210	630

Ratio Table representing a different strategy, thinking about forty two 15s:

1	2	4	40	42
15	30	60	600	630

DIVISION

Problem:

$$192 \div 6$$

Ratio Table representing a strategy, thinking quotatively, how many 6s are in 192:

1	10	30	2	32
6	60	180	12	192

Ratio Table representing a different strategy, thinking partitively, cutting 192 into 6 equal parts:

192	96	32
6	3	1

Would you like to teach more complex ways of thinking and reasoning? Join us on #MathStratChat!