Which One Doesn't Belong

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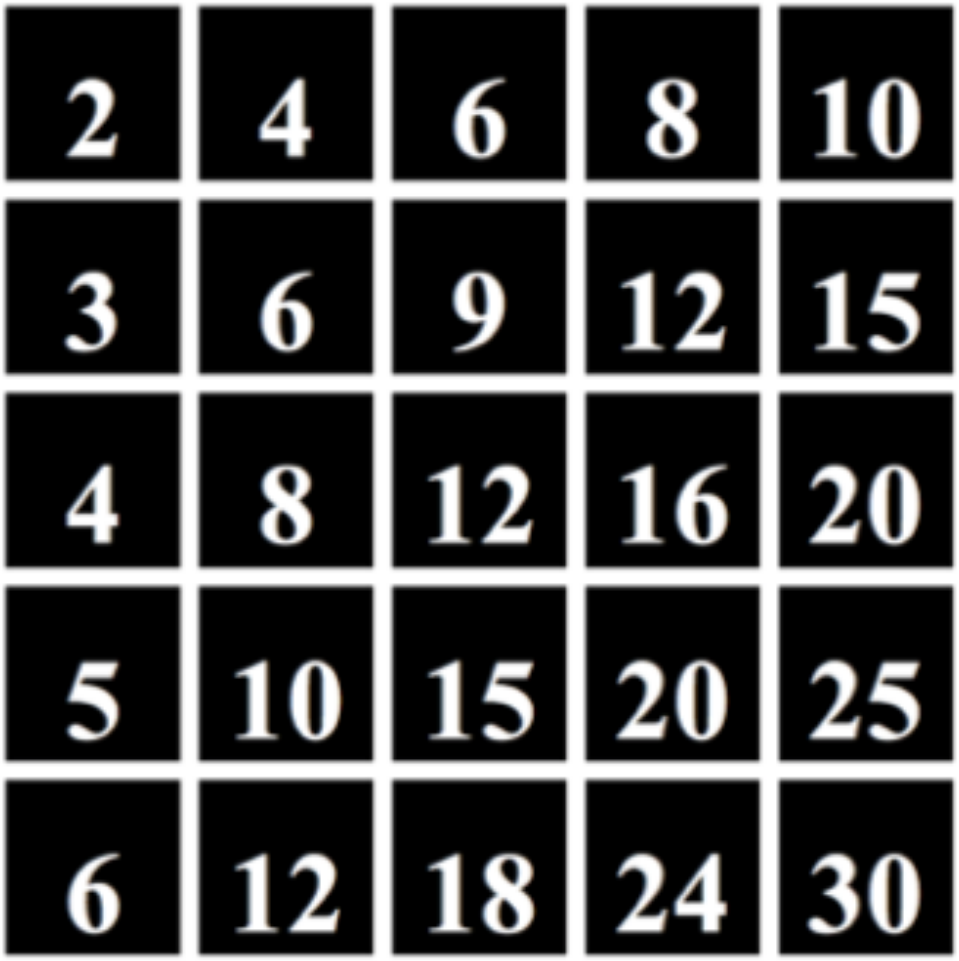
Rules	Racquetballs
Expectations	Relationship

Patterns Galore



These are some of the things I notice about the figure I see above:

Converting between Fractions and Decimals

Directions: Record any reasoning that you do on this thinking sheet. You will more than likely have to try a few times before you know you have a correct solution. If you find a solution, see if you can find another.

The task: Using the numbers 0 through 9, at most one time each, fill in each of the boxes so that the fraction equals the decimal.

$$\frac{\square\square}{\square\square} = \square.\square\square$$

On Your Own: First Attempt (Complete or Partial):

$$\frac{\square\square}{\square\square} = \square.\square\square$$

What was your first attempt? OR What did you notice or think about before making your first attempt?

What did you learn from your first attempt that changes your strategy for your next attempt?

On Your Own or with a Partner: Second Attempt (Complete or Partial):
What was your second attempt?

What did you learn from your second attempt that changes your strategy for your next attempt?

On Your Own or with a Partner: Third Attempt (Complete or Partial):
What was your third attempt?

What did you learn from your third attempt that changes your strategy for your next attempt?

On Your Own or with a Partner: Fourth Attempt (Complete or Partial):
What was your fourth attempt?

What did you learn from your fourth attempt that changes your strategy for your next attempt?

EXPONENTS AND ORDER OF OPERATIONS

Directions: Find 3 positive integers that add up to 10. Place each number into one of the blanks to find the largest possible result.

ORDER OF OPERATIONS

Directions: Make the largest (or smallest) expression by using the whole numbers 0-9 in the boxes below. Note: for 5th grade, remove the exponent to make it grade level appropriate.