

Which One Doesn't Belong?

In this puzzle, you must determine which does not belong and why. You should be able to come up with a “good” reason for each corner of the puzzle!

For example:

6	7
9	15

6 does not belong because it is not odd.

7 does not belong because it is prime, or because it is not a multiple of 3.

9 does not belong because it is a perfect square.

15 does not belong because it is not a single-digit number.

Homework:

Find a reason for each of the sets of three fractions to not belong. Hint: your reason should be “better” than simply “ $1/2, 3/4, 3/6$ are all equal to $1/2$.”

$\left\{ \frac{1}{2}, \frac{2}{4}, \frac{3}{6} \right\}$	$\left\{ \frac{4}{16}, \frac{3}{12}, \frac{2}{8} \right\}$
$\left\{ \frac{2}{6}, \frac{3}{6}, \frac{4}{6} \right\}$	$\left\{ \frac{3}{5}, \frac{9}{15}, \frac{15}{25} \right\}$