Name _____

Math Carnival

Ms. Lee's class holds a math carnival with a variety of math games and activities.

1. One of the activities is a match game. There is a set of cards with fractions on half the cards and the equivalent decimals on the other half. The cards are turned face down in an array, and players take turns picking two cards and trying to match a fraction to its equivalent decimal.

Draw a line from each fraction to its equivalent decimal. Show your work in the space below the decimal cards.

$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{8}{8}$

0.125	$0.1\overline{66}$	0.25	$0.\overline{33}$	0.375	0.5	0.625	$0.\overline{66}$	0.75	$0.8\overline{3}$	0.875	1.00

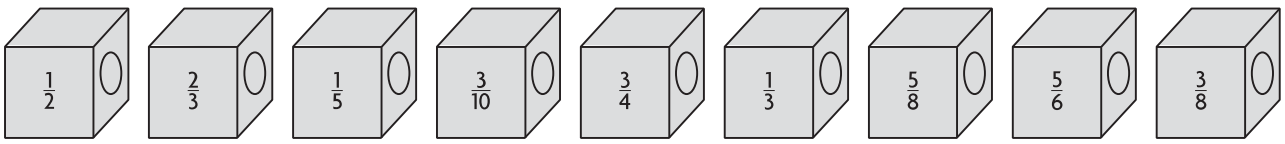
GO ON

2. The fraction/decimal cards are also used to make sums and differences. To play the game you try to find sets of three cards that make an addition or subtraction math fact. You can use two cards with the same number to make a set.

Examples: $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ and $\frac{1}{2} - \frac{1}{6} = \frac{1}{3}$ $\quad$ $0.25 + 0.25 = 0.5$ and $0.5 - 0.25 = 0.25$

Try to find as many sets as you can. Write the sets of addition and subtraction facts you find.

3. To play "Max Fractions," you have to string beads with fractions on them as fast as possible. Number these fractions in order from least to greatest. Show your work.



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