

Percent Match

Objective:

to practice identifying the decimal and/or fraction equivalents for frequently used percents

Materials needed:

one playing board for every member of the class

number of players: entire class or small groups

Directions:

1. Provide each player with a playing card. Each player is to choose 16 percent values and write them in any of the smaller corner boxes until all are filled. The teacher or one student is to be the caller.
2. The caller reads one fraction or decimal equivalent at a time. Each player records the fraction or decimal equivalent in the larger box.
3. The winner is the first player to identify correctly all the fractions or decimal equivalents in any row, column, or four-square diagonal.

Fractions and decimals to be called out to the players:

$\frac{1}{3}$	$\frac{1}{2}$	$\frac{5}{8}$
$\frac{2}{3}$	2.25	$\frac{1}{4}$
$\frac{1}{8}$	$\frac{4}{5}$	0.0125
1.25	$\frac{1}{5}$	$\frac{3}{5}$
0.005	.75	0.025
.125	1	2
$\frac{7}{8}$	$\frac{1}{10}$	
0.0025	$\frac{3}{8}$	

Choose 16 percent numbers below and place one in each top corner.

33⅓%	66⅔%	12.5%	½%	125%	87.5%	¼%
50%	225%	20%	80%	75%	100%	10%
37.5%	62.5%	25%	200%	60%	1.25%	2.25%