Number Comparisons

The purpose of these games are to compare fractions, decimals, and percentages. Print out all of the cards or just the type of number that you are working on. If you are only using one type of card you may want to print multiple sets to have more cards.

Comparison War:

The game is played like War. Split the cards evenly between players. Each player turns over the top card. The largest amount takes the cards. If there is a tie, each player turns over their next top card. The winning amount takes all of the cards. Continue playing until one player has all of the cards.

Matching Pairs:

Only use cards that have an equivalent match. Place all of the matches face down in rows. Players take turns drawing two cards. If the cards are equivalent, they get to keep both cards. Play continues until all of the cards are gone. The player with the most cards at the end is the winner.

Go Fish:

Only use cards that have an equivalent match. Players each start with five cards. They take turns asking another player for a card that is equivalent to a card that they are holding. If the person does not have a match, they tell the player to “Go Fish.” The player draws a card from the pile of extra cards to try to make a match.

Ordering Race:

Each player is dealt five cards. They put their cards in order from least to greatest. The first player to correctly arrange their cards gets a point. Play continues until a player gets ten points.

Equivalent Matches

$\frac{1}{10}$		0.1	10%
$\frac{1}{5}$	$\frac{2}{10}$	0.2	20%
$\frac{3}{10}$		0.3	30%
$\frac{2}{5}$	$\frac{4}{10}$	0.4	40%
$\frac{1}{2}$	$\frac{5}{10}$	0.5	50%
$\frac{3}{5}$	$\frac{6}{10}$	0.6	60%

Equivalent Matches

$\frac{7}{10}$		0.7	70%
$\frac{4}{5}$	$\frac{8}{10}$	0.8	80%
$\frac{9}{10}$		0.9	90%
		1	100%
$\frac{1}{4}$		0.25	25%
$\frac{3}{4}$		0.75	75%

Equivalent Matches

$\frac{1}{3}$	$0.\overline{33}$	$33.\overline{3}\%$
$\frac{2}{3}$	$0.\overline{66}$	$66.\overline{6}\%$
$\frac{1}{6}$	$16.\overline{6}$	$16.\overline{6}\%$
$\frac{5}{6}$	$0.8\overline{3}$	$83.\overline{3}\%$

$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$
$\frac{2}{5}$	$\frac{1}{2}$	$\frac{3}{5}$
$\frac{7}{10}$	$\frac{4}{5}$	$\frac{9}{10}$

$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{3}$
$\frac{2}{3}$	$\frac{1}{6}$	$\frac{5}{6}$
$\frac{2}{10}$	$\frac{4}{10}$	$\frac{5}{10}$

$\frac{6}{10}$	$\frac{8}{10}$	

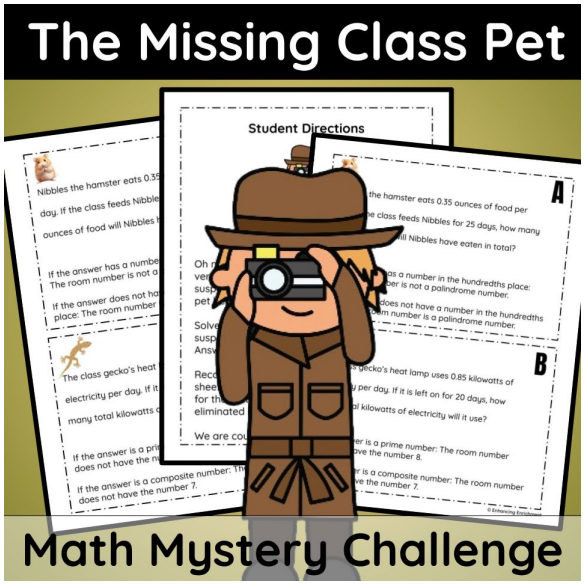
0.1	0.2	0.3
0.4	0.5	0.6
0.7	0.8	0.9

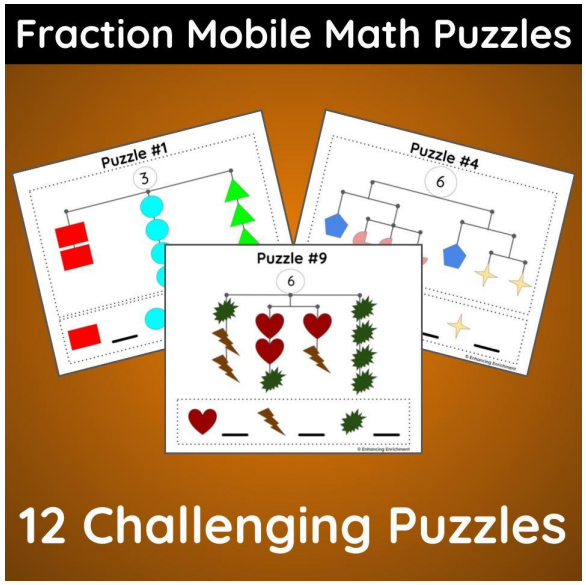
1	0.25	0.75
$0.3\overline{3}$	$0.6\overline{6}$	$16.6\overline{6}$
$0.8\overline{3}$		

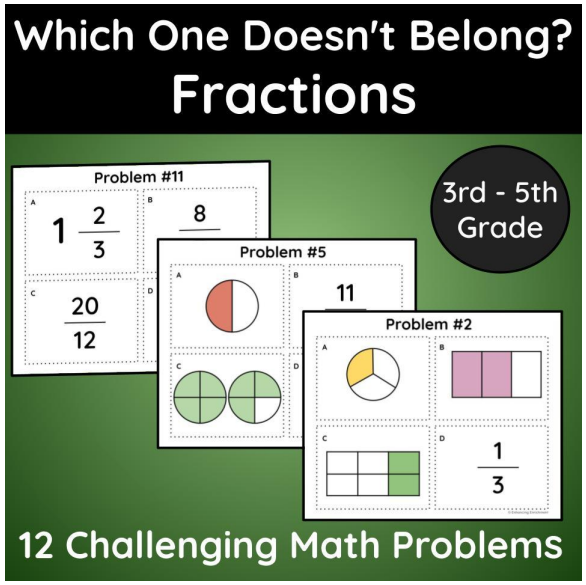
10%	20%	30%
40%	50%	60%
70%	80%	90%

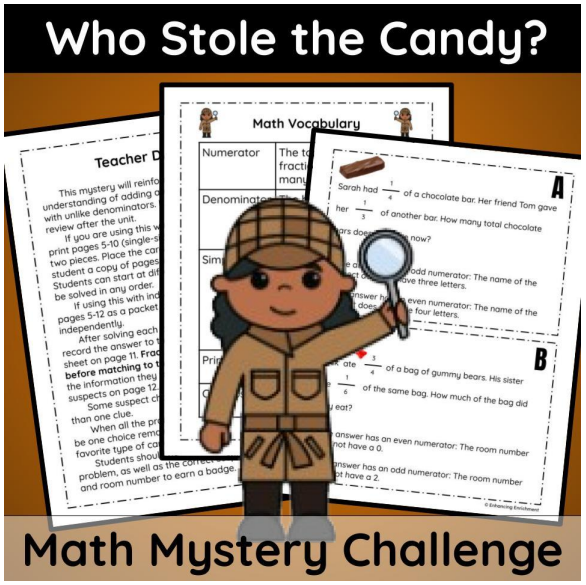
100%	25%	75%
$33.\overline{3}\%$	$66.\overline{6}\%$	$16.\overline{6}\%$
$83.\overline{3}\%$		

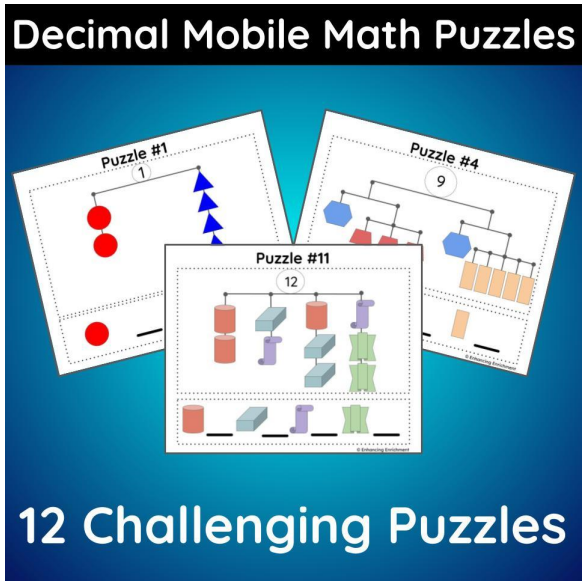
Ready for more fraction and decimal activities?

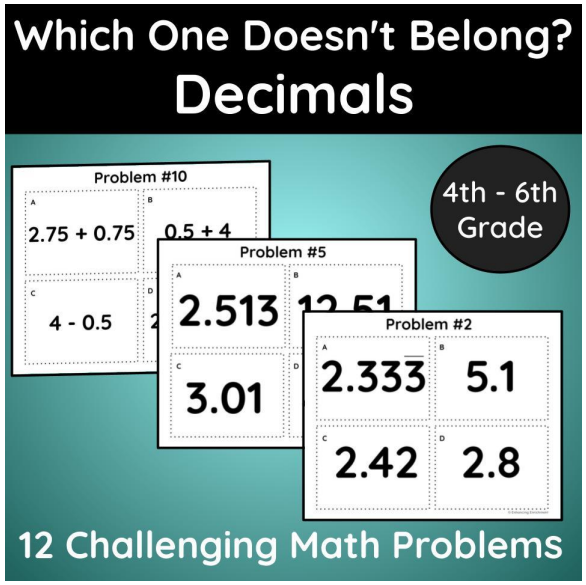












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