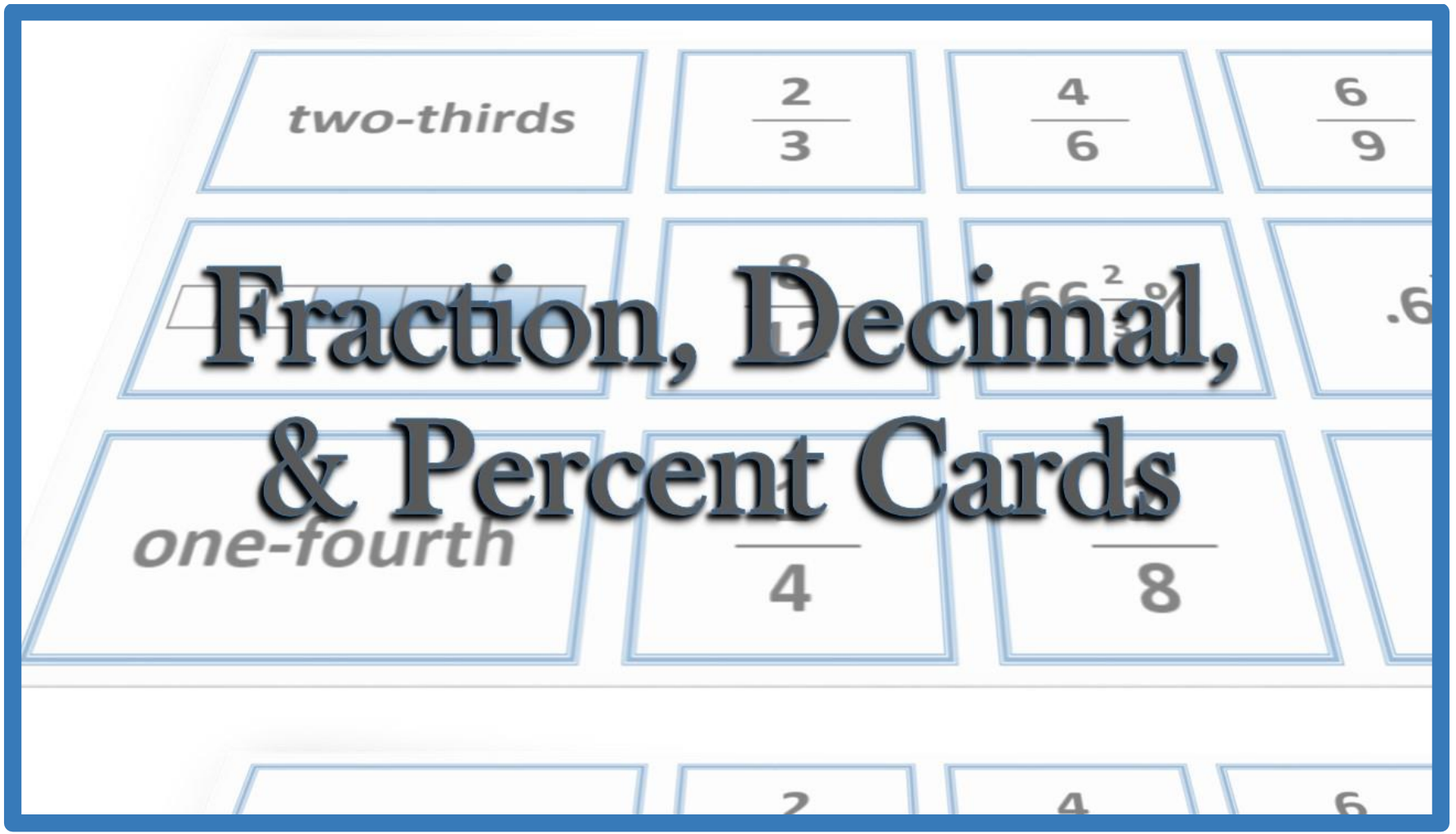

two-thirds
2/3
4/6
6/9
one-fourth
1/4
2/8
Fraction, Decimal,
& Percent Cards

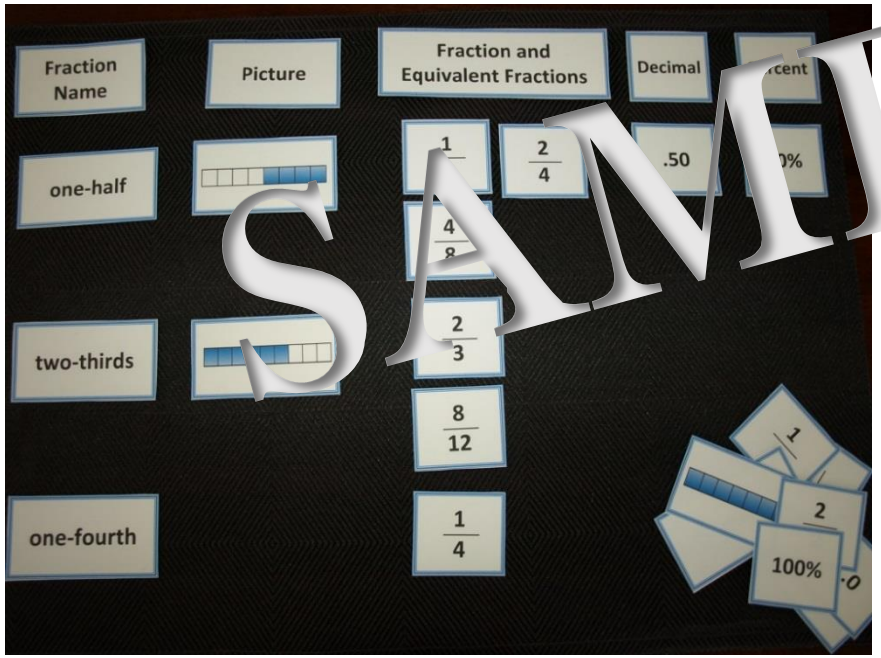
Using the Fraction, Decimal, & Percent Cards

Instructions

This material focuses on common fractions and their corresponding decimal and percent values. The cards can be used for one of the activities below, or however you or your students imagine! It is recommended for the card sort activity or game play that the cards be printed** on cardstock and then laminated before use.

***Note: These cards are intended to be printed in landscape mode. Please make sure to set your printer settings accordingly.*

- **Card sort for review or assessment**
  - Choose ahead of time which cards you want as part of the activity. All categories of cards may be used, or a subset, depending on which topics you want to be your students' focus. The children can then complete steps 2-5.
  - Set out each column header being used (Fraction Name, Picture, Fraction & Equivalent Fractions, Decimal, Percent).
  - Sort the remaining cards under the appropriate column label.
  - Check the work using the included answer key (last page of the document).
  - Record the information on the cards in a math journal, if desired.



- **Reference**
  - Decide which cards you would like your students to use, which may be all, or a subset.
  - Print the cards chosen on regular paper.
  - Have the students cut out the pieces and glue(stick) them into a math notebook to be used as a reference.

- **Game – Equivalent, Greater Than, Less Than?**
  - In the spirit of the classic card game, "War," choose to use all or a subset of the fraction, equivalent, fraction, decimal, and percent cards.
  - Using the pre-chosen cards, two students turn the cards upside down and split the cards between them.
  - At the same time, students each turn over one card and determine if they are equivalent, or which of the two cards is greater/less than the other. The 'greater than' and 'less than' symbol cards included in the "alternate cards" section at the end of the document may be used, if desired.
  - The student with the higher value takes both cards and sets them aside. In the case of equivalency, neither student takes the card, but sets them aside in an "equivalent" section.
  - Continue playing until all cards have been played.

- **Extensions**
  - Once the children have completed the card sort and recorded, have them figure out and record several more equivalent fractions for each fraction given.
  - Have the children create their own picture to represent each fractional value. For example, they could draw them in circular, or "pie chart" form.

Alternate Cards

There are additional cards at the end of the document for use as alternates, depending on how you have introduced fractions, decimals, and percents in your classroom. For example, there are decimal cards provided that give the decimal values to the hundredth place (ex: .50). If you prefer to have the decimal reduced to tenths, there is an equivalent card (ex: .5). There are also decimal cards that use a repeating decimal if you prefer to use those instead of the rounded values for one-third and two-thirds; there are alternate percent cards for one-third and two-thirds, too (66.7% and 33.3%).

Blank Cards

There are 12 blank cards included (6 each of the 3-inch 2-inch widths) in case you would like to add extra values of your own choosing. If the cards are laminated, dry-erase markers work pretty well on them!

one	$\frac{1}{1}$	$\frac{2}{2}$	$\frac{3}{3}$
	$\frac{4}{4}$	100%	1.0
one-half	$\frac{1}{2}$	$\frac{2}{4}$	$\frac{3}{6}$

four-fifths	$\frac{4}{5}$	$\frac{8}{10}$	$\frac{12}{15}$
	$\frac{16}{20}$	80%	.80
one-tenth	$\frac{1}{10}$	$\frac{2}{20}$	$\frac{3}{30}$