

Double-Sided Magnetic

Fraction Circles

Double-Sided Magnetic Fraction Circles include nine magnetic circles representing the following:

Fraction	Color	Piece Count	Side 1	Side 2
Whole	Red	1	1	100%
Half	Pink	2	$\frac{1}{2}$	50%
Thirds	Orange	3	$\frac{1}{3}$	$33.\bar{3}\%$
Fourths	Yellow	4	$\frac{1}{4}$	25%
Fifths	Green	5	$\frac{1}{5}$	20%
Sixths	Light Blue	6	$\frac{1}{6}$	$16.\bar{6}\%$
Eighths	Royal Blue	8	$\frac{1}{8}$	12.5%
Tenths	Purple	10	$\frac{1}{10}$	10%
Twelfths	Black	12	$\frac{1}{12}$	$8.\bar{3}\%$

Use this set for demonstration on any magnetic receptive surface such as a whiteboard or chalkboard and provide students with a concrete model as they learn about fractional relationships.

Take time to explain the percentage representation on the fraction circles to enrich students' understanding of fractions.

For further hands-on explorations, have students use the Rainbow Fraction® Deluxe Circles (LER 0617) when teaching lessons and activities.

Sample Activities:

Exploring Equivalencies

Display $\frac{1}{2}$ using the magnetic pieces. Ask students to identify the piece. Ask, "Are there other pieces the same size as $\frac{1}{2}$? How can you find out?" Discuss ways of finding equivalent parts, including placing pieces side by side of others to compare. Give students time to handle the magnetic pieces to find other fractional representations for $\frac{1}{2}$. Ask students to record their findings on a piece of paper or in a math journal. You can extend this activity by asking students to find equivalent fractions for other amounts such as $\frac{1}{6}$, $\frac{2}{6}$, and $\frac{3}{6}$.

Fractions and Percentages

Display some of the magnetic pieces showing percentages. Guide students to understand that a fraction can be expressed as a percentage by converting the fraction to a decimal number, then multiplying by 100 to obtain a percentage (since percent means per 100). For example, $\frac{1}{2} = 0.5 = 50\%$. Place one fraction piece on the whiteboard and ask students to compute the percentage. Flip the fraction piece over to check answers.

Note: Store the magnets flat to prevent from warping. If the magnets do curl, gently bend them back in the opposite direction to flatten, or rub them on the board and let them sit.

Look for these other great products from Learning Resources®:

LER 2088 Rainbow Fraction® Teaching System Kit

LER 2509 Fraction Tower® Cubes—Equivalency Set

LER 3023 Weighted Fractions, Decimals, and Percents Set



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