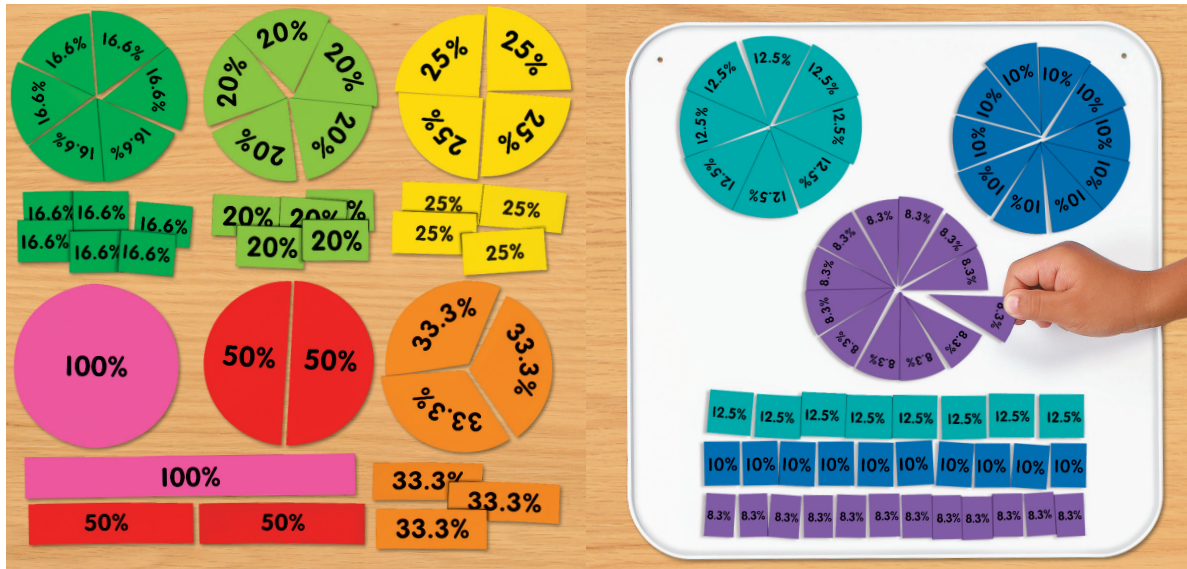


BUILDING PERCENTS MAGNETIC BOARD



RR345 - BUILDING PERCENTS MAGNETIC BOARD

Help students visualize parts of a whole...and explore concepts of equivalency in a highly concrete way! Our 12" x 12" board comes with over 100 colour-coded magnetic pieces—all clearly labeled with percents. Students can combine the pieces to create a whole...mix & match pieces to compare equivalent values, compare percents and more! Includes a guide with differentiated instruction strategies.

KEY FEATURES

- Magnetic board with over 100 colour coded magnetic pieces

TARGET AREAS

- Concepts of percents: wholes and parts
- Introduces specific mathematical vocabulary of percents
- Supports: Differentiated Instruction, Visual learners, Special Education, ELL, Whole Group and Small Group Learning

ASSESSMENT

- Assessing students' understanding of percents, comparing percents, and wholes and parts



LESSON PLAN FOR BUILDING PERCENTS MAGNETIC BOARD

Before

After setting up the magnetic board, explain the colour coded features and have the students take some time to ask questions before beginning your lesson.

Familiarize your students with some of the vocabulary that will be used in the lesson and provide them with definitions. Write the following words on the board or on chart paper to start a word bank for the students' reference during the lesson: percents, percentile, equivalent, and ratio.

During

After you have familiarized the students with the magnets that you will be using, you can now introduce them to the lesson by explaining wholes and parts. Find the 100% circle or bar and explain that 100% equals one whole. Ask the students how they might share this whole with one friend. Demonstrate that they might divide it in half. Explain how they can express one half as a percentage. Place two 50% pieces on the magnetic board next to the whole and have the students compare them. Ask the students if they believe they are the same as the whole. Continue by asking one of the students how they might share a whole piece with three or four friends. Continue with the rest of the percents and have students write their findings on the board.

Introduce the concept of comparison. Place two different percents pieces on the magnetic board and ask students to compare them. Also introduce the greater than, less than symbols to help the students.

For example: Take out the 33% and the 10% pieces and ask the students to determine which is bigger/smaller or if they are the same size. Use the greater than/less than symbols to write their answers on the board.

After

Have the students continue these activities themselves and record their findings in a math journal.

EXTENSION ACTIVITIES

- Converting percents to decimals
- Converting percents to fractions
- Percent equations
- Writing word problems using percents

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