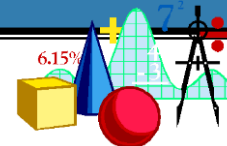


Mathematics, Grade 5

Unit IV: Lesson B2

Pattern Display: **Problems with Fractions**



Ask to study some of the class's work in addition or subtraction of fractions before the teacher returns it. See if you can find any patterns in the mistakes students make. Make a bulletin board display that demonstrates some of the most common mistakes. If you can't find any mistakes, you might want to develop potential mistake patterns yourself—but only for this project! Include several of each type to show the pattern.

Examples:

$$\begin{array}{r} 3/5 \\ + 1/3 \\ \hline 4/8 \end{array} \quad \begin{array}{r} 1/2 \\ + 2/4 \\ \hline 3/6 \end{array} \quad \begin{array}{r} 2/3 \\ - 1/2 \\ \hline 1/1 \end{array}$$

When you have finished, explain your findings to the class. Don't tell who made which mistakes, though! See if the class can deduce the mistake patterns by studying the examples you've collected.