Ideas for the Intermediate Class
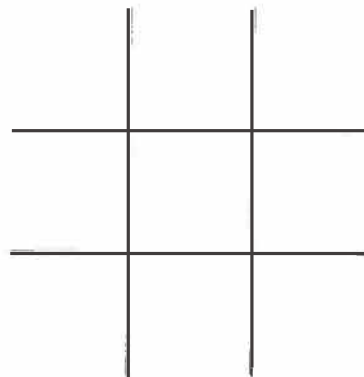
tic-tac-toe

The activities can be adapted to various grade levels, and can be expanded to include the other three basic operations of subtraction, multiplication, and division, as well as fractions. I hope that at least one of these activities is enjoyed by you and your class.

Equipment:

1. strips of masking tape on the floor to make a tic-tac-toe game with spaces large enough for a pupil to stand in.

2. a pile of flashcards, placed face down, with appropriate equations:

    (17 + 8 = ___ ; 9 + ___ = 18, and so on)

3. a way of marking five pupils as "O" and five pupils as "X" (cards pinned to shirt or hat; "O" pupils stand, "X" pupils sit, and so on)
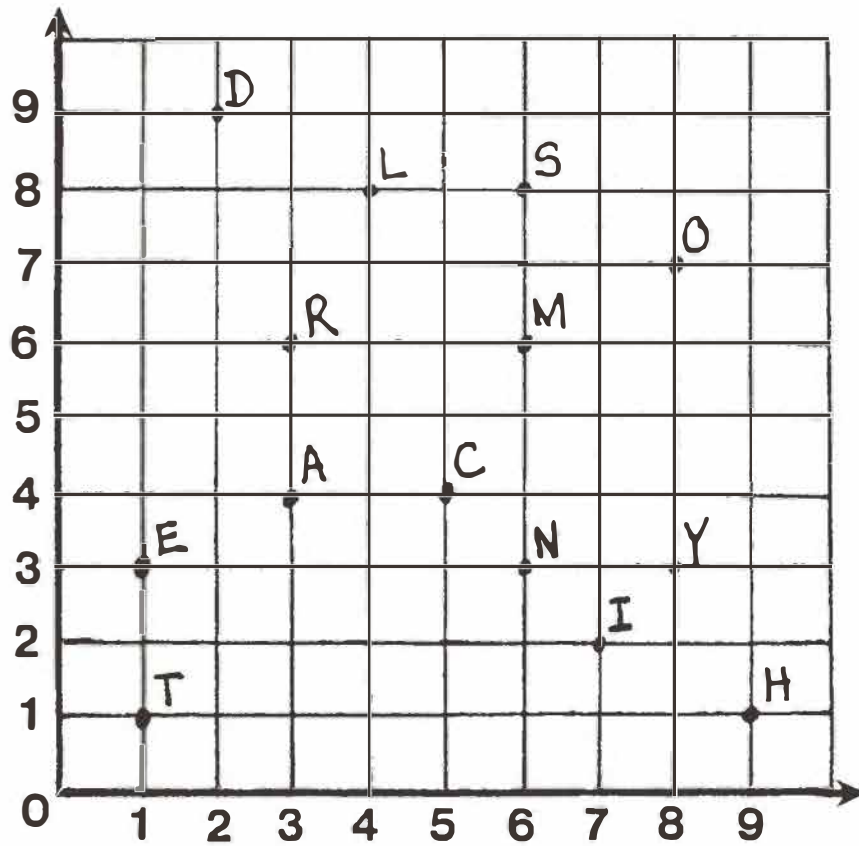
Directions:

1. Decide which team starts.

2. First member of starting team picks top flashcard, answers questions, and, if answer is correct, the pupil chooses a spot on the tic-tac-toe game. If the answer is incorrect, the pupil does not choose a spot, and he goes to the end of his team. This pupil could keep the flashcard to memorize.

3. First member of the second team does the same as described in number 2.

4. Game continues until a team forms a straight line of three "O's" or three "X's" as in a regular game of tic-tac-toe.

Careful:

Make sure the pupils know how to play tic-tac-toe.

A Backwards Graph

This is a backwards graph.
Once you find a word,
turn it around.

Example: M A E T

       T E A M

$\overline{(8,3)}$ $\overline{(4,8)}$ $\overline{(6,3)}$ $\overline{(8,7)}$ $\overline{(6,8)}$ $\overline{(6,3)}$ $\overline{(3,4)}$ $\overline{(7,2)}$ $\overline{(1,1)}$ $\overline{(3,6)}$ $\overline{(3,4)}$ $\overline{(6,6)}$

$\overline{(6,3)}$ $\overline{(3,4)}$ $\overline{(5,4)}$ $\overline{(2,9)}$ $\overline{(3,4)}$ $\overline{(1,3)}$ $\overline{(3,6)}$ $\overline{(6,8)}$ $\overline{(7,2)}$ $\overline{(9,1)}$ $\overline{(1,1)}$.

Answer: Only Martians can read this.

Rounding to the Nearest Hundred

If "hundred's" place is:

1 - color the space red
2 - color blue
3 - color green

4 - color brown
5 - color yellow
6 - color orange

7 - color black
8 - color purple
0 - don't color