F26.1 FINDING MULTIPLES

The inspiration for this game came from the commercial game "Set."

Objective: To find groups of four multiples from the same set.

Number of players: From two to four.

Manipulatives: Short Multiplication Table (Appendix page 20), or Skip Counting Patterns (Appendix page 18), optional.

Cards: All the multiplication cards shuffled. You will also need ten cards numbered 1 to 10 for each player. Use the basic number cards or you may use the clock cards for two players.

Layout: Lay out 12 multiplication card face up in three rows with four cards in a row. The remaining multiplication cards are placed face down as the stock. Also, each player lays out a set of 1 to 10 cards in front of them in two rows, 1 to 5 in the first row and 6 to 10 in the second row. See the left figure below.

Object of the game: To be the first player to collect groups of four multiples from each set from 1 to 10. In other words, to cover their number cards. Or, to have the most groups of four at the end of the game.

Play: The first player searches for four multiples in the same set, but no more than 10 times the multiple. For the cards shown, 80, 16, 24 and 32 are a group because they are multiples of 8. See the second figure. Also, 18, 14, 6, and 16 make a group as multiples of 2. No duplicates are allowed within a group.

These cards are removed, stacked, and placed on the appropriate multiple number, 8 and 2 in this example. The empty spaces are filled in with cards from the stock and the next player takes a turn. If no one can play, add another row of four cards for that turn.

Players continue taking turns until a player collects cards for all ten groups, or all the multiplication cards are used and no one can play.

Solitaire Version 1: Use half of the multiplication cards. Divide the deck by comparing heights. To win, the player needs to collect groups from nine or ten sets.