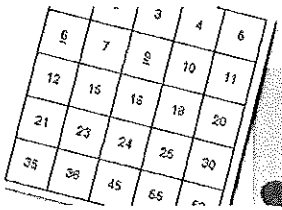
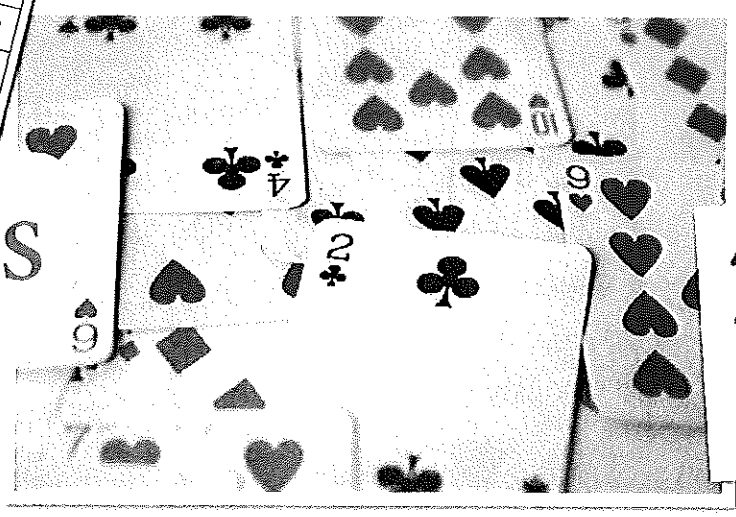


Factors



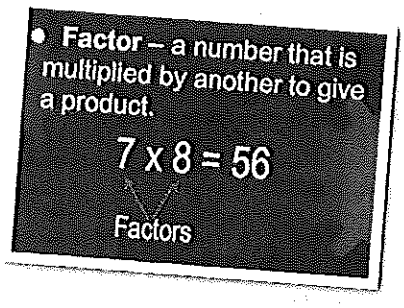
"Claim the Factors Game"

Game Directions

Supplies:

Supplies:

Standard deck of playing cards (use the Ace and 2-9 out of a standard playing deck for factor cards-one player uses a red suit and one uses a black suit), and one set of product cards for each pair of players



Directions:

2 players

Shuffle product cards and place them face down to form a draw pile. Each player places his/her factor cards face up in front of him/her.

Player 1 turns over a product card and states a pair of factors for this number. Player 1 claims his/her opponents factor cards for the product. Example: If the product card is 12, player 1 could take his/her opponents, 3 and 4 or 2 and 6. Only one pair of factor cards can be claimed on each turn.

If a product card shows a square number, one factor card may be claimed for that product. Example: If the product card is 36 only a 6 may be claimed from the opponent's stack.

Players take turns drawing product cards and claiming factor cards. If only one factor remains in the opponent's factor card pile because the other factor has been claimed, then the player only claims one card for that round. If no factors for a product remain in the opponent's factor card pile, the player must pass for that round.

The winner is the player that collects all their opponent's factor cards first.

Variation:

see: Claim the Greatest Common Factor

Claim the Factors Product Cards

12	14	16	18	20
15	25	30	35	40
36	45	54	63	72
21	24	27	28	32
42	48	49	64	72
6	8			