

Heidi's Game

Sums

Grades K—2

Heidi's Game

(A Sum Lover's Game for Math Levels K-2)

Materials: Game Board, 4 sets of 0-9 cards (40 cards in deck),
Number Cubes (numeral and/or dot)

Set-Up: Shuffle cards. Lay out 9 cards face up in a 3 by 3 array.

Playing the Game: Each player in turn rolls Number Cubes and tries to take as many cards as possible to make the amount shown on the dice. Replace cards as they are removed.

Winning the Game: Play ends when no more sums can be made. The player with the most cards wins.

Variations: In the most basic form, Heidi's Game is played as a "making sums" game for quantities no greater than 6 using dot cards and 1 Numeral Cube.

To increase the difficulty of the game, dot cards and numeral cards can be added to represent quantities up to 9 and the number of die used to generate a quantity can be increased from one to two.

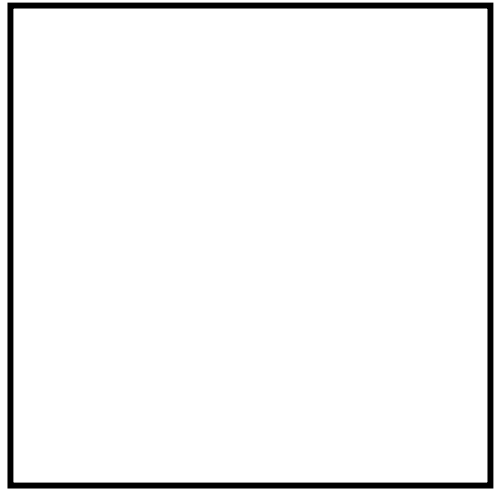
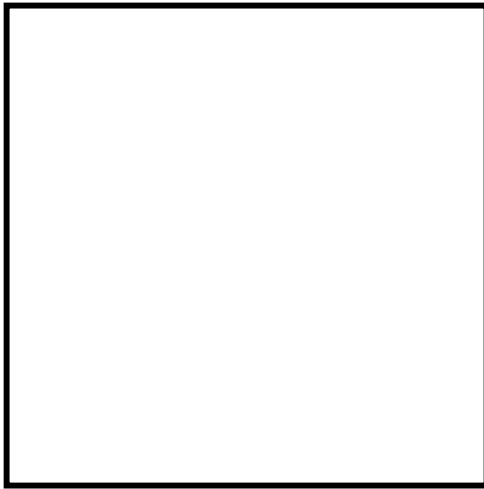
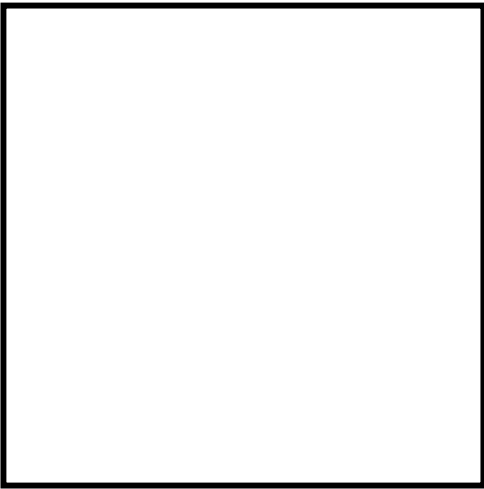
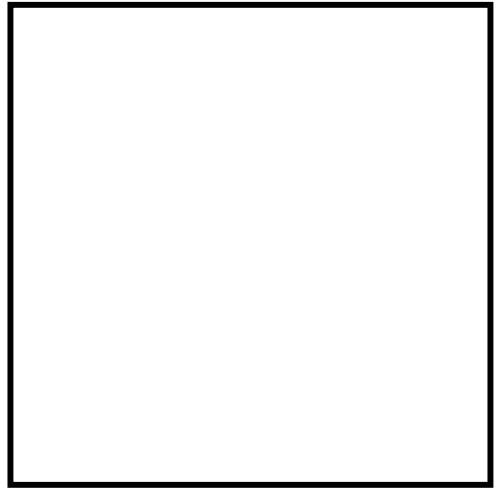
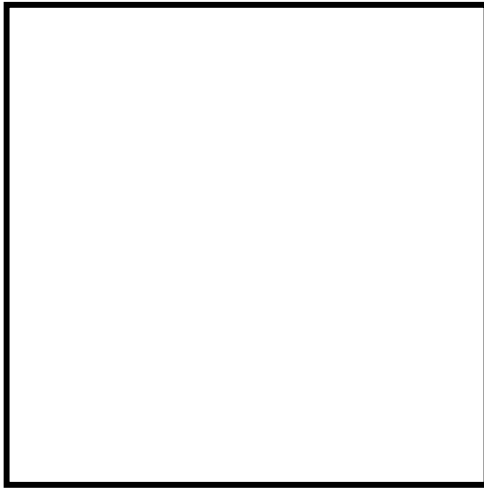
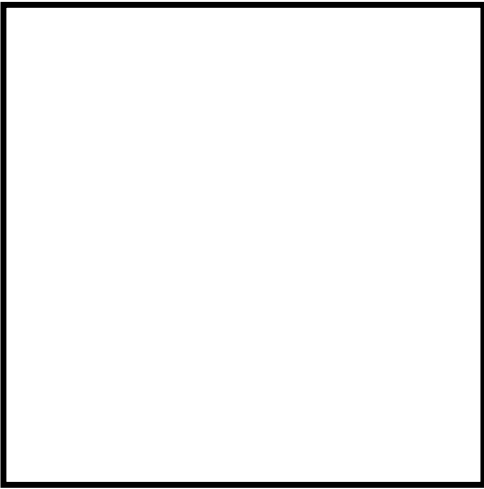
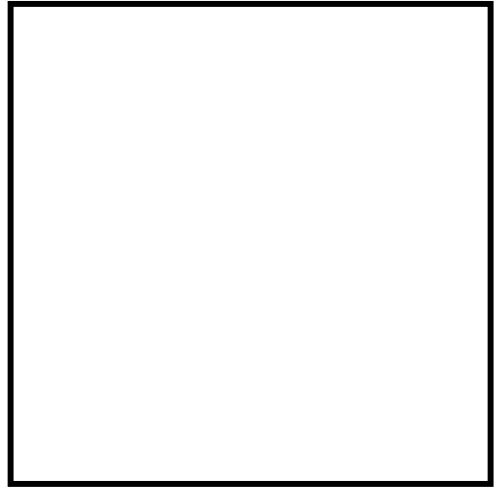
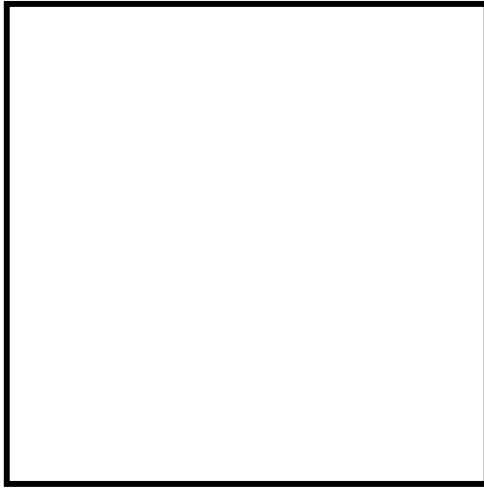
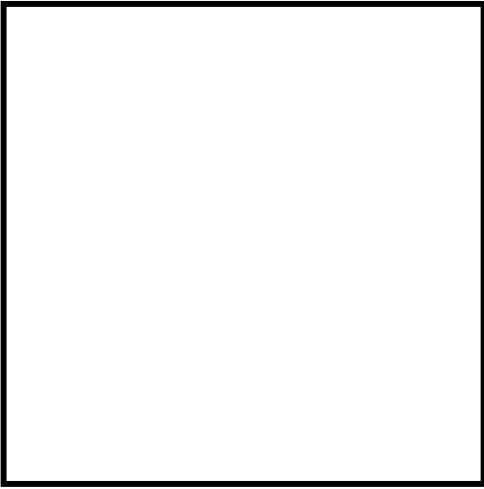
In the more advanced form of the game, only numeral cards, representing quantities to 9, are used.

The game can be played without Number Cubes by identifying a pre-selected sum to create throughout the game. For example, the game could be "making tens" in which case each student, on their turn would pick cards to add to ten.

Many variations of the game can be made by the teacher and even by the students in order to address their particular level of understanding.

Heidi's Game

A sum lover's game for 2 to 6 players



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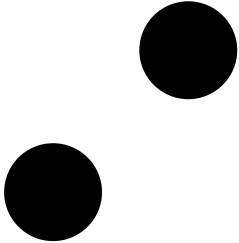
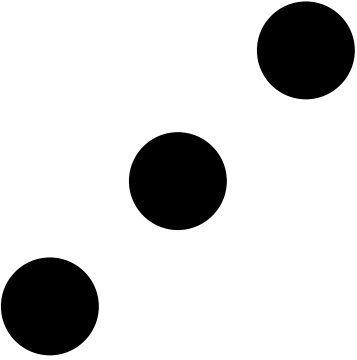
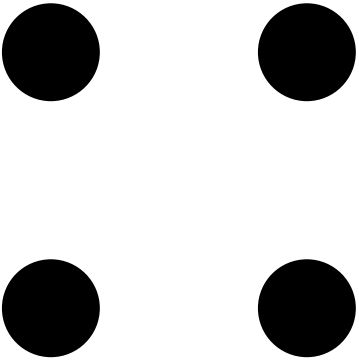
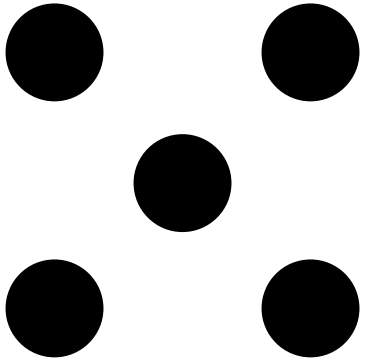
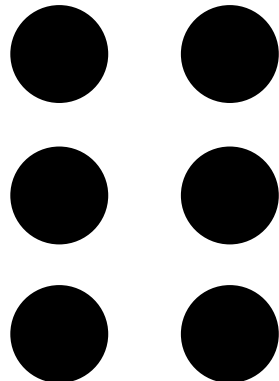
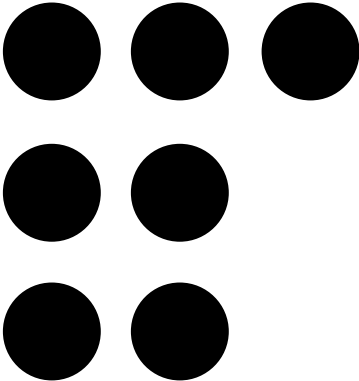
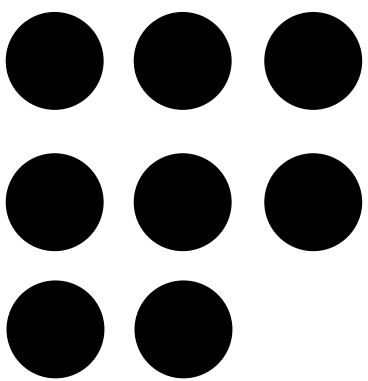
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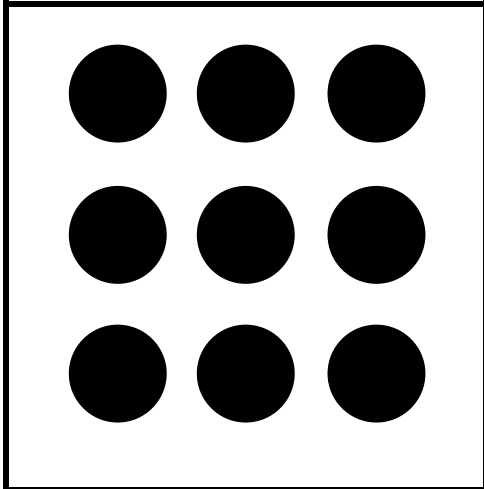
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Heidi's Game - Making Tens

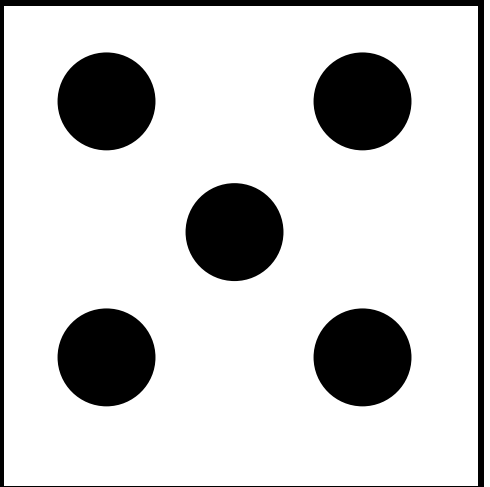
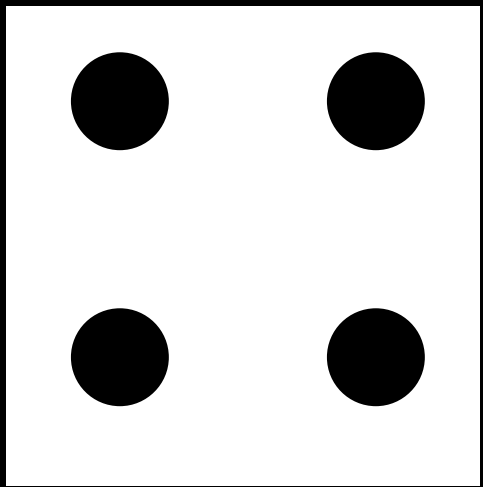
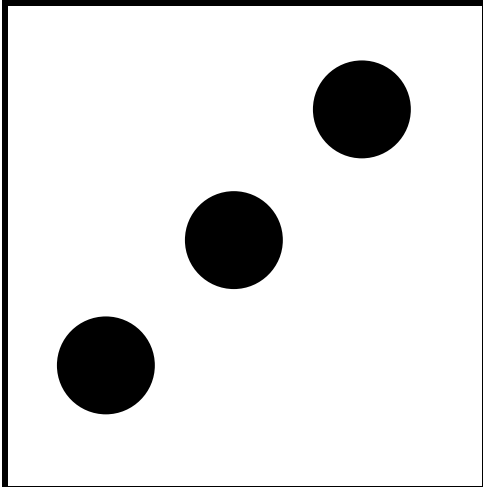
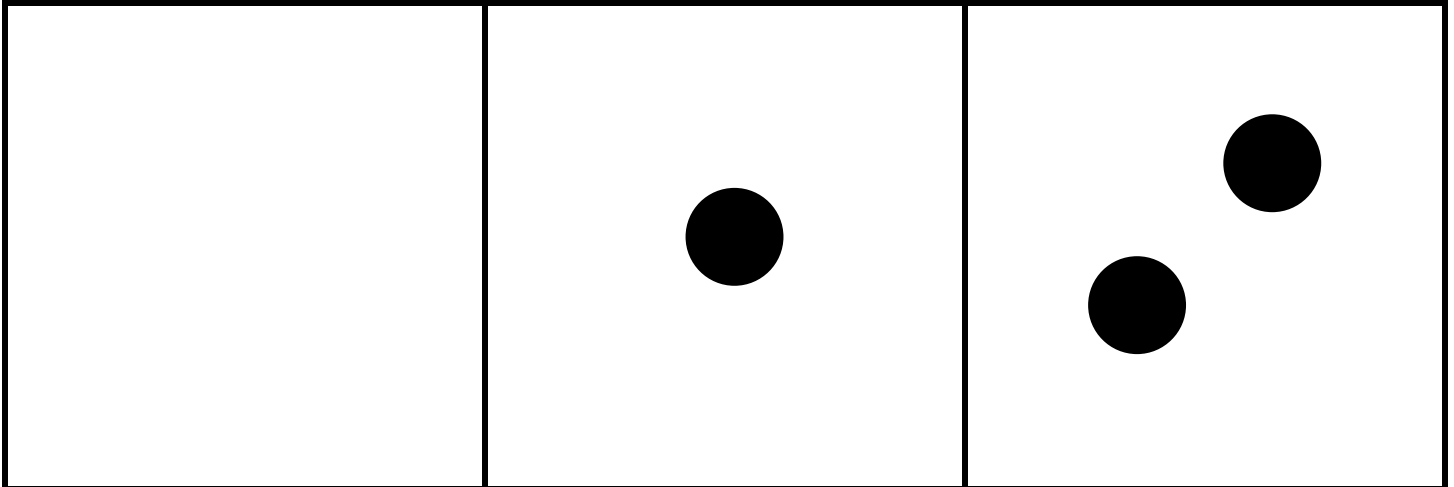
Materials: 4 sets of 0-9 cards

Rules: Shuffle cards. Lay out 9 cards face up in a 3 by 3 array. Each player in turn tries to take as many cards as possible to make a sum of 10. Replace cards as they are removed. Play ends when no more tens can be made. The player with the most cards wins.



Heidi's Game - Making Tens (or making sums with dice)
Materials: 4 sets of 0-9 cards, dice (optional)
Rules: Shuffle cards. Lay out 9 cards face up in a 3 by 3 array. Each player in turn tries to take as many cards as possible to make a sum of 10. Replace cards as they are removed. Play ends when no more tens can be made. The player with the most cards wins.



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