Roll Two (two numbers 1-12)

1-4 players

Ages 5+

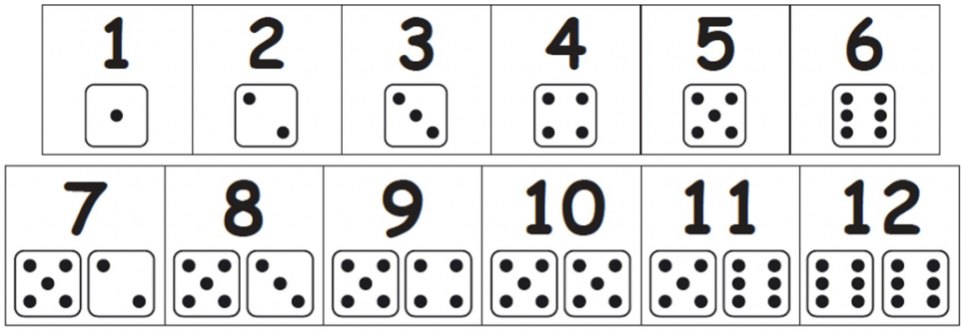
5-10 minutes

Materials:

2 regular 6-sided dice 

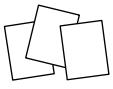
Two Numbers cards to use:

1-12 cards



Goal of the game: children match and combine the numbers rolled on the dice to turn over all of the cards.

Setup:

1. Shuffle cards 
2. Ask children to put the cards in order from 1-12

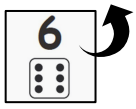
Play:

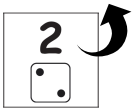
On your turn:

Roll the dice. Turn over cards that match the number(s) rolled. For example:

If a player rolls  and  they can turn over:

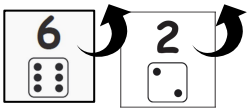
the 6 card *or* the 2 card





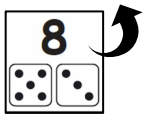
OR

the 6 *and* 2 cards



OR

the sum (the 8 card)



If the numbers rolled, or their sum, do not match any of the face-up cards, pass the dice to the next player. Or, keep rolling until the number(s) rolled match a card. The game ends when players have turned over all of the cards!

Variations:

1. Make rolling doubles a "wild card." When a player rolls a "wild card," they can choose any card to turn over. This can help turn over a number card that is difficult to get.

For children who are ready for kindergarten or first grade mathematics:

2. After rolling the dice, subtract the smaller number from the bigger number. Turn over the card that represents the difference. For example, if a player rolls 6 and 2, they can subtract 6 – 2 = 4 and turn over 

3. Use three dice and mix and match them to turn over cards. For example, if a player rolls 2, 3, and 4: add them to turn over the 9 card <u>OR</u> turn over the 2 and (3 + 4 = 7) 7 cards

What children are learning:

- Encourage children to "count on" from the larger rolled number. For example, if they roll a 6 and 2, start from 6 and count on: "6…7, 8." Counting on is a skill that helps with learning addition later on.
- When children are ready, have them play this game in pairs without an adult. See who can turn over all of their cards first. Children can also play this game on their own at their individual skill level.
- Rolling different numbers and combining them in different ways encourages children to think about number composition and strategy.