

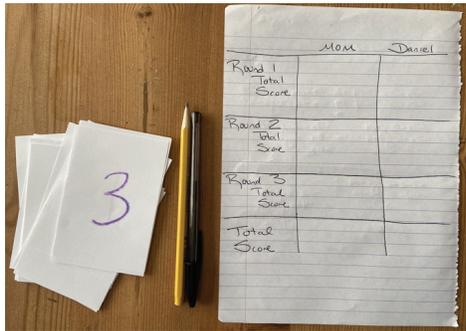
Target 1,000

Object of the Game

For each round, players choose 6 cards to make two 3-digit numbers that have a sum (a total when added) as close to 1,000 as possible. The score for each round is the difference between a player's sum and 1,000. The player with the lower total score after 3 rounds wins the game.

Materials

- Deck of cards containing four each of the numbers 1 to 9
Print a set of number cards, use the 2-9 cards and aces as 1s from a deck of playing cards, or make your own cards.
- Pencil or pen
- Paper to keep track of the game as shown, or print a Target 1,000 Record Sheet



Target 1000 Record Sheet		
Name _____		Name _____
Round 1		
Total Score		

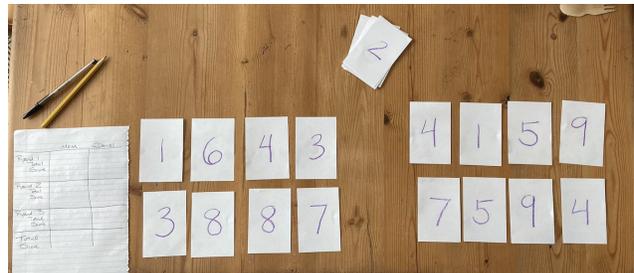
Skills

This game helps us practice:

- Practicing using place value: ones, tens, hundreds, and thousands
- Estimating
- Adding 3-digit numbers
- Subtracting 3- and 4-digit numbers

How to Play

1. Mix up the cards. Players take turns drawing cards until each has 8 cards.



- Each player chooses 6 of their cards to make two 3-digit numbers. The goal is to make numbers that will have a sum (a total when added) as close to 1,000 (over or under) as possible.
- Players add their numbers.
- The difference between a player's total and 1,000 is their score for the first round.

$164 + 837$
 $(100 + 60 + 4) + (800 + 30 + 7)$
 $(100 + 800) + (60 + 30) + (4 + 7)$
 $900 + 90 + 11$
 $990 + 11$
 $1,001$
 $1001 - 1000 = 1$

Mom got a total of **1,001**. Her score for this round is **1** because the difference between 1,000 and 1,001 is 1.

$475 + 514$
 $(400 + 70 + 5) + (500 + 10 + 4)$
 $(400 + 500) + (70 + 10) + (5 + 4)$
 $900 + 80 + 9$
 989
 $1,000 - 989$
 $+ 1$
 $1,000 - 990 = 10$
 $+ 1$
 11

Daniel got a total of **989**. His score for this round is **11** because the difference between 1,000 and 989 is 11.

After the first round, Mom is doing better. She got closer to 1,000 than Daniel did.

- After three rounds, players add their three scores.
- The player with the lesser total wins.

Tips for Players and Families

- Before you play, talk about numbers that add to 1,000. What are some pairs of numbers you can think of that have a sum of 1,000?
- Talk about how you're choosing your numbers. There is a lot of strategy involved!
- Students may have addition strategies not familiar to you, like making jumps on a number line, or breaking apart numbers by place value. Ask questions if you don't understand a strategy. It's always interesting to learn something new.

Change It Up

Making even small changes to a game can invite new ways of thinking about the math. Try making one of the changes below. How did it change your strategy for winning the game?

- Choose a different target number, such as 800 or 1,500.
- Change the cards you're using. For example, take out all the 4s.

1	1	1
1	2	2
2	2	3

3	3	3
4	4	4
4	5	5

5	5	<u>6</u>
<u>6</u>	<u>6</u>	<u>6</u>
7	7	7

7	8	8
8	8	9
9	9	9

Target 1,000 Record Sheet

Name _____

Name _____

Round 1

Total Score		
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Round 2

Total Score		
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Round 3

Total Score		
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TOTAL SCORE		
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