


# Spin 2 Win Fraction Review Game

## Basic Fraction Concepts


Laura Candler



Spin to Win Game Tokens

## Spin 2 Win Fraction Review Game

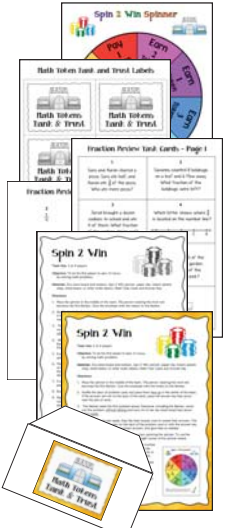
Created by Laura Candler



**Spin 2 Win Fraction Review Game** is a math game that actively engages students in reviewing basic fraction concepts including fractions on a number line, comparing and ordering fractions, fractions of a whole number, and simplifying fractions. Spin 2 Win is a variation of Spin 4 Cash that uses tokens instead of money so that it can be used internationally. The game includes student directions, 24 task cards with problems and answers, and a recording page. Spin 2 Win can be played with partners, in teams, or in math centers. If the problems are not at the appropriate level for your students, use the templates at the back of this packet to create your own. Black and white and color versions of the game materials are included, so print only what you need.

**How to Use Spin 2 Win:**

- Advanced Preparation** - Print enough materials for each pair or team of students. Print the task cards and answers front to back on card stock or heavy paper so that each card's answer is on its back. If you don't want to print the answers on the backs of the cards, you can print the one-page answer key for each set of game materials. You'll need about 20 tokens (plastic chips, dried beans, paper clips, etc.) per person. Put all the tokens for each game into a plastic bag or pencil case, and affix one of the "Math Tokens Bank & Trust" labels to the top. To use the game in a center, glue the students directions on the front of a large brown envelope and store the materials inside.
- Introducing the Game** - Demonstrate the game for the class before placing it in a math center or having students play in teams. Display the Spin 2 Win game directions and ask a few students to model the game as you read the directions aloud. Be sure they know how to use the spinner. Let your students know in advance if you want them to simplify all fraction answers to lowest terms.
- Playing the Game** - Depending on the availability of materials, students can play in teams of 2, 3, or 4. If you want them to record their responses, print a copy of the recording sheet for each student and have them write their answers in the blocks. The cards do not have to be used in order, so remind your students to write their answers in the correct locations on the page. While students are playing the game, move about the room providing help to students who need assistance.



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## Spin 2 Win

**Team Size:** 2 to 4 players

**Objective:** To be the first player to earn 20 tokens by solving math problems

**Materials:** Dry erase board and markers, Spin 2 Win spinner, paper clip, tokens (plastic chips, dried beans, or other small objects), Math Task Cards and Answer Key


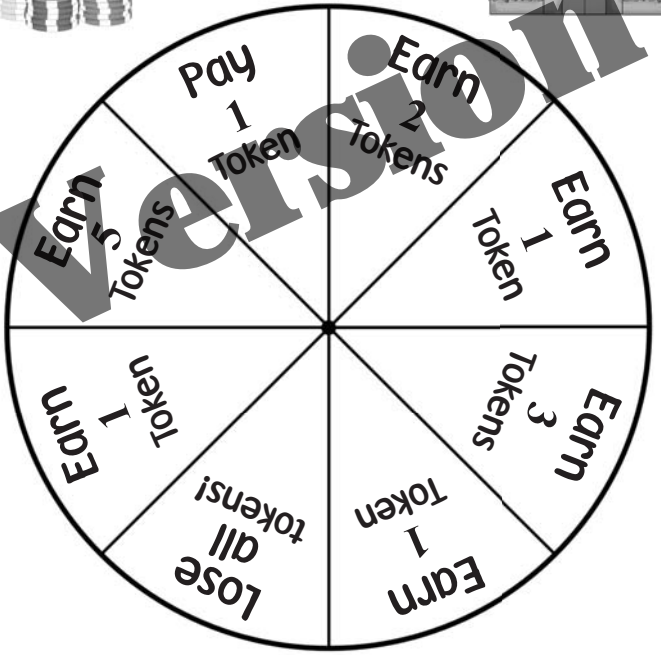
**Directions:**

- Place the spinner in the middle of the team. The person wearing the most red becomes the first Banker. Give the envelope with the tokens to the Banker.
- Shuffle the deck of problem cards and place them face up in the center of the team. If the answers are not on the back of the cards, place the answer key face down near the pile of cards.
- The Banker reads the first problem aloud. Everyone, including the Banker, works out the problem without talking and turns his or her dry erase board face down when ready.
- When all players are ready, they flip their boards over to reveal their answers. The Banker checks the answers on the back of the problem card or with the answer key. Discuss solutions, talk over incorrect answers, and give help as needed.
- Everyone with the correct answer takes a turn spinning the spinner. To use the spinner, follow the directions in the lower right corner of the spinner board.
- The Banker pays each player the appropriate number of tokens or collects tokens if the player must pay the Bank. If a player lands on Lose All Tokens, he or she must return all his or her earnings to the bank.
- If everyone solves the problem correctly, the Banker pays everyone 1 token as a bonus.
- Rotate the role of Banker to the left for each round.
- Play until someone wins 20 or more tokens. If time runs out before that happens, the winner is the person with the most tokens.




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## Spin 2 Win Spinner

**Directions:** To use the spinner, you'll need a paper clip and a pencil. Put the paper clip down with one end over the center dot. Put the pencil point down inside the paper clip and hold the pencil in place. Thump the paper clip. It will spin around the pencil point and point to one section on the spinner.

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## Math Token Bank and Trust Labels



## Basic Fraction Review Task Cards - Page 1

<p>1</p> <p>Sara and Aaron shared a pizza. Sara ate half, and Aaron ate <math>\frac{3}{8}</math> of the pizza. Who ate more pizza?</p>	<p>2</p> <p>Savanna counted 8 ladybugs on a leaf and 6 flew away. What fraction of the ladybugs were left?</p>
<p>3</p> <p>Jarod brought a dozen cookies to school and ate 4 of them. What fraction of the cookies did he eat?</p>	<p>4</p> <p>Which letter shows where <math>\frac{1}{4}</math> is located on the number line?</p>
<p>5</p> <p>Allison pitched 6 baseballs to Lee, but he only hit <math>\frac{1}{3}</math> of them. How many did he hit?</p>	<p>6</p> <p>Sherry picked 15 of the 20 roses in her garden. What fraction of the roses did she pick?</p>
<p>7</p> $\frac{3}{4} = \frac{\square}{16}$	<p>8</p> $\frac{5}{8} = \frac{\square}{24}$

## Basic Fraction Review Answers - Page 1

Print these answers on the backs of the task cards before cutting them apart.

2

$$\frac{2}{8} \text{ or } \frac{1}{4}$$

1

Sarah

4

A

3

$$\frac{4}{12} \text{ or } \frac{1}{3}$$

6

$$\frac{15}{20} \text{ or } \frac{3}{4}$$

5

2

8

$$\frac{5}{8} = \frac{15}{24}$$

7

$$\frac{3}{4} = \frac{12}{16}$$

## Basic Fraction Review Task Cards - Page 2

<p>9</p> <p>Ashley poured 9 glasses of punch for the party. Her guests drank <math>\frac{2}{3}</math> of them. How many glasses were left?</p>	<p>10</p> <p>Jeffrey went to the fair and bought 10 tickets. He used 6 of them. What fraction of the tickets did he use?</p>
<p>11</p> <p>Last night Matt read <math>\frac{1}{3}</math> of his 60-page book. How many pages did he read?</p>	<p>12</p> <p>Logan went kayaking for 45 minutes. What fraction of an hour did she kayak?</p>
<p>13</p> <p>Simplify and write this fraction in lowest terms. <math>\frac{16}{20}</math></p>	<p>14</p> <p>Simplify and write this fraction in lowest terms. <math>\frac{6}{24}</math></p>
<p>15</p> <p>Which letter shows where <math>\frac{3}{8}</math> is located on the number line?</p>	<p>16</p> $\frac{4}{7} = \frac{\square}{21}$

## Basic Fraction Review Answers - Page 2

Print these answers on the backs of the task cards before cutting them apart.

10  
 $\frac{6}{10}$  or  $\frac{4}{5}$

9  
3

12  
 $\frac{45}{60}$  or  $\frac{3}{4}$

11  
20

14  
 $\frac{1}{4}$

13  
 $\frac{4}{5}$

16  
 $\frac{4}{7} = \frac{\boxed{12}}{21}$

15  
C

## Basic Fraction Review Task Cards - Page 3

17

Jenna gave 6 new pencils to Erin who sharpened 2 of them. What fraction did Erin sharpen?

18

Which letter shows where  $\frac{2}{3}$  is located on the number line?



19

Cami saw a dozen turtles sitting on a log. Two of them plopped into the water. What fraction were left on the log?

20

Brandon ran  $\frac{5}{8}$  of the way home and walked the rest of the way. Did he run or walk a longer distance?

21

Which fraction is larger?

$\frac{3}{4}$     $\frac{4}{5}$

22

Order from least to greatest:

$\frac{2}{3}$     $\frac{1}{6}$     $\frac{1}{2}$

23

$\frac{7}{8} = \frac{\boxed{\phantom{00}}}{40}$

24

$\frac{2}{5} = \frac{\boxed{\phantom{00}}}{20}$

## Basic Fraction Review Answers - Page 3

Print these answers on the backs of the task cards before cutting them apart.

18

B

17

$\frac{2}{6}$  or  $\frac{1}{3}$

20

run

19

$\frac{10}{12}$  or  $\frac{5}{6}$

22

$\frac{1}{6}$     $\frac{1}{2}$     $\frac{2}{3}$

21

$\frac{4}{5}$

24

$\frac{2}{5} = \frac{\boxed{8}}{20}$

23

$\frac{7}{8} = \frac{\boxed{35}}{40}$

## Basic Fraction Review Answer Key

Card Number	Answer
1	Sarah
2	$\frac{2}{8}$ or $\frac{1}{4}$
3	$\frac{4}{12}$ or $\frac{1}{3}$
4	A
5	2
6	$\frac{15}{20}$ or $\frac{3}{4}$
7	$\frac{3}{4} = \frac{\boxed{12}}{16}$
8	$\frac{5}{8} = \frac{\boxed{15}}{24}$
9	3
10	$\frac{6}{10}$ or $\frac{4}{5}$
11	20
12	$\frac{45}{60}$ or $\frac{3}{4}$

Card Number	Answer
13	$\frac{4}{5}$
14	$\frac{1}{4}$
15	C
16	$\frac{4}{7} = \frac{12}{21}$
17	$\frac{2}{6}$ or $\frac{1}{3}$
18	B
19	$\frac{10}{12}$ or $\frac{5}{6}$
20	run
21	$\frac{4}{5}$
22	$\frac{1}{6}$ $\frac{1}{2}$ $\frac{2}{3}$
23	$\frac{7}{8} = \frac{\boxed{35}}{40}$
24	$\frac{2}{5} = \frac{8}{20}$



Name \_\_\_\_\_

### Spin 2 Win Recording Page

Card Number	Answer	Card Number	Answer
1		13	
2		14	
3		15	
4		16	
5		17	
6		18	
7		19	
8		20	
9		21	
10		22	
11		23	
12		24	

### Spin 2 Win Task Cards


### Spin 2 Win Answers


### Spin 2 Win Answer Key

Card Number	Answer	Card Number	Answer
1		13	
2		14	
3		15	
4		16	
5		17	
6		18	
7		19	
8		20	
9		21	
10		22	
11		23	
12		24	

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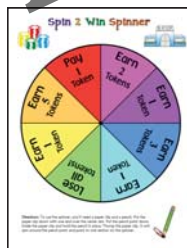
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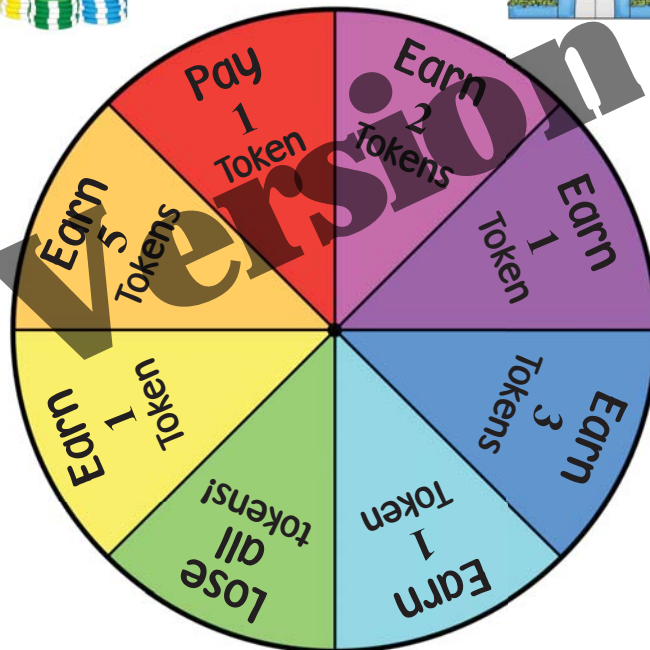
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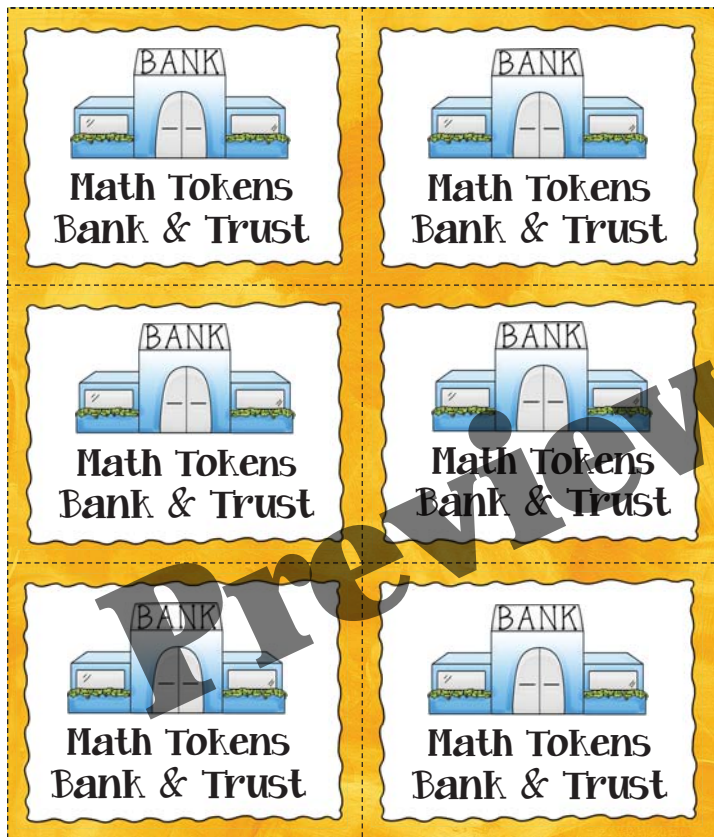
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