Spin 4 Cash Fraction Review Game

Basic Fraction Concepts

Laura Candler

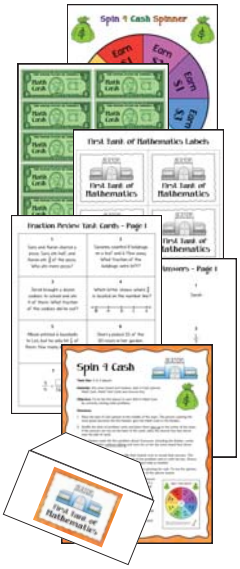
Preview Version

Spin 4 Cash Fraction Review Game

Created by Laura Candler

Spin 4 Cash Fraction Review 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. The problems do not included mixed numbers. The game includes student directions, 24 task cards with problems and answers, and a recording page. Spin 4 Cash can be played with partners, in teams, or in math centers. If you want to create additional fraction task cards, 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.

Teaching Suggestions:



1. **Advanced Preparation** - Print a set of 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 an answer key for each set of game materials. To create the Math Cash for each game, print three pages of $1 bills and one page of $5 bills for each pair. Put the Math Cash for each game into an envelope or in a pencil case, and affix the "First Bank of Mathematics" label to the front. To use the game in a center, glue the direction page on the front of a 9 x 12 brown envelope and store the materials inside.
2. **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 4 Cash 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.
3. **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 students need to be sure 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.

Spin 4 Cash

Team Size: 2 to 4 players

Materials: Dry erase board and markers, Spin 4 Cash spinner, Math Cash, Math Task Cards and Answer Key

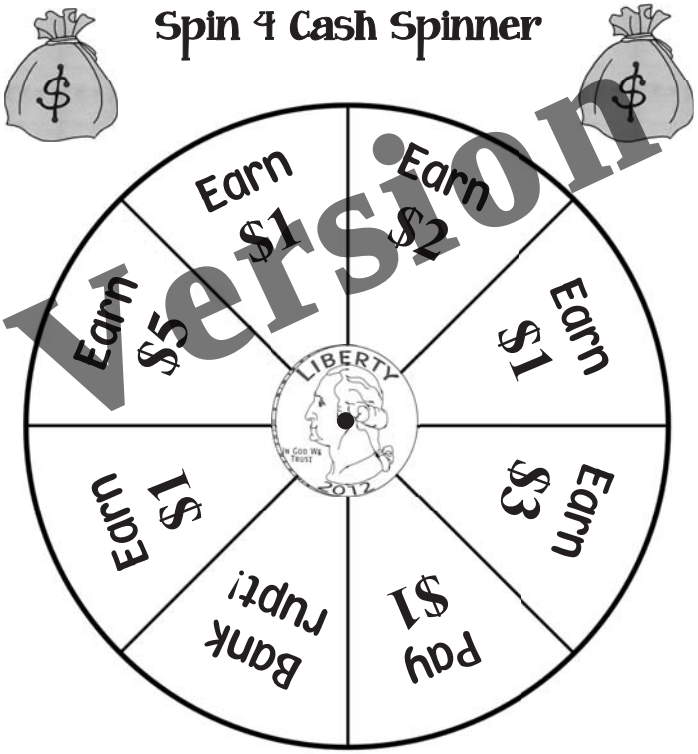
Objective: To be the first player to earn $20 in Math Cash by correctly solving math problems

Directions:

1. Place the Spin 4 Cash spinner in the middle of the team. The person wearing the most green becomes the first Banker; give the Math Cash to the Banker.
2. 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.
3. 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.
4. When everyone is 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 key. Discuss solutions, talk over incorrect answers, and give help as needed.
5. Everyone with the correct answer takes a turn spinning for cash. To use the spinner, follow the directions in the lower right corner of the spinner board.
6. The Banker pays each player the appropriate amount or collects cash if the player must pay the Bank. If a player lands on Bankrupt, he or she must return all his or her earnings to the bank.
7. If everyone solves the problem correctly, the Banker pays everyone a $1 bonus.
8. If the Banker runs out of $1 bills, he or she may make change by giving a player a $5 bill in exchange for five $1 bills to replenish the bank's supply.
9. Rotate the role of Banker to the left for each round.

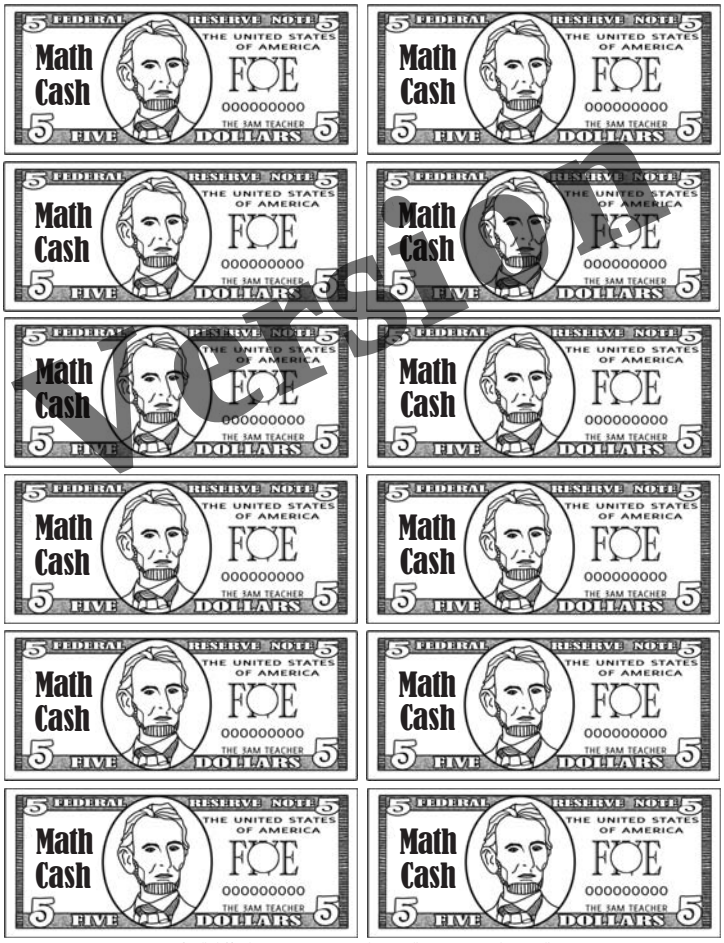
Preview Version

Spin 4 Cash Spinner

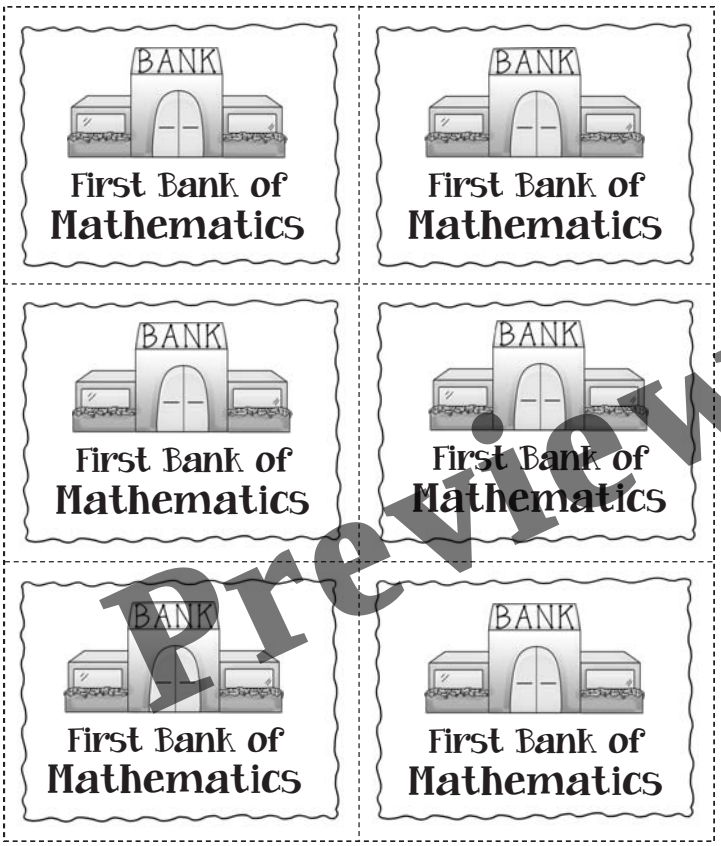


Directions: To use the spinner, you'll need a paper clip and a pencil. Put the paper clip down with one end over the center dot. Put the pencil point down inside the paper clip and hold the pencil in place. Thump the paper clip. It will spin around the pencil point and point to one section on the spinner.

Preview Version



First Bank of Mathematics Envelope Labels



Basic Fraction Review Task Cards - Page 1

1 Sara and Aaron shared a pizza. Sara ate half, and Aaron ate $\frac{3}{8}$ of the pizza. Who ate more pizza?	**2** Savanna counted 8 ladybugs on a leaf and 6 flew away. What fraction of the ladybugs were left?
3 Jarod brought a dozen cookies to school and ate 4 of them. What fraction of the cookies did he eat?	**4** Which letter shows where $\frac{1}{4}$ is located on the number line? 0 A B C 1
5 Allison pitched 6 baseballs to Lee, but he only hit $\frac{1}{3}$ of them. How many did he hit?	**6** Sherry picked 15 of the 20 roses in her garden. What fraction of the roses did she pick?
7 $\frac{3}{4} = \frac{\square}{16}$	**8** $\frac{5}{8} = \frac{\square}{24}$

Preview Version

Basic Fraction Review Answers - Page 1

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

2

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

1

Sarah

4

A

3

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

6

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

5

2

8

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

7

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

Basic Fraction Review Task Cards - Page 2

9 Ashley poured 9 glasses of punch for the party. Her guests drank $\frac{2}{3}$ of them. How many glasses were left?	**10** Jeffrey went to the fair and bought 10 tickets. He used 6 of them. What fraction of the tickets did he use?
11 Last night Matt read $\frac{1}{3}$ of his 60-page book. How many pages did he read?	**12** Logan went kayaking for 45 minutes. What fraction of an hour did she kayak?
13 Simplify and write this fraction in lowest terms. $\frac{16}{20}$	**14** Simplify and write this fraction in lowest terms. $\frac{6}{24}$
15 Which letter shows where $\frac{3}{5}$ is located on the number line? 0 A B C D 1	**16** $\frac{4}{7} = \frac{\square}{21}$

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? 0 A B 1
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 $\frac{7}{8} = \frac{\square}{40}$	**24** $\frac{2}{5} = \frac{\square}{20}$

Preview Version

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

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

©2015 Laura Candler's Teaching Resources ~ www.lauracandler.com ~ www.lauracandlerontpt.com

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

©2015 Laura Candler's Teaching Resources ~ www.lauracandler.com ~ www.lauracandlerontpt.com

Name _____

Spin 4 Cash Recording Page

Card Number	Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Card Number	Answer
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	

©2015 Laura Candler's Teaching Resources ~ www.lauracandler.com ~ www.lauracandlerontpt.com

Spin 4 Cash Task Cards

©2015 Laura Candler's Teaching Resources ~ www.lauracandler.com ~ www.lauracandlerontpt.com

Preview Version

Spin 4 Cash Answers

Spin 4 Cash 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	

Spin 4 Cash

Team Size: 2 to 4 players

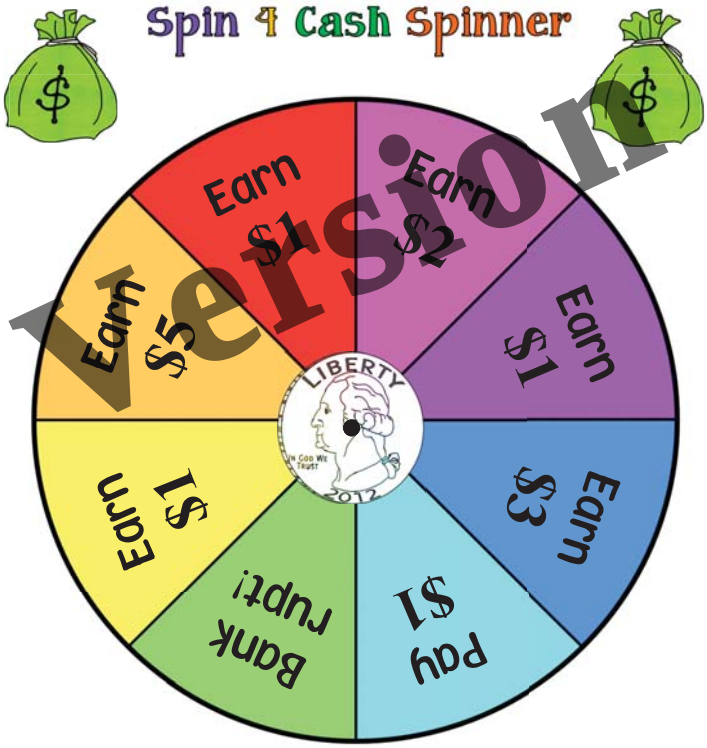
Materials: Dry erase board and markers, Spin 4 Cash spinner, Math Cash, Math Task Cards and Answer Key

Objective: To be the first player to earn $20 in Math Cash by correctly solving math problems

Directions:

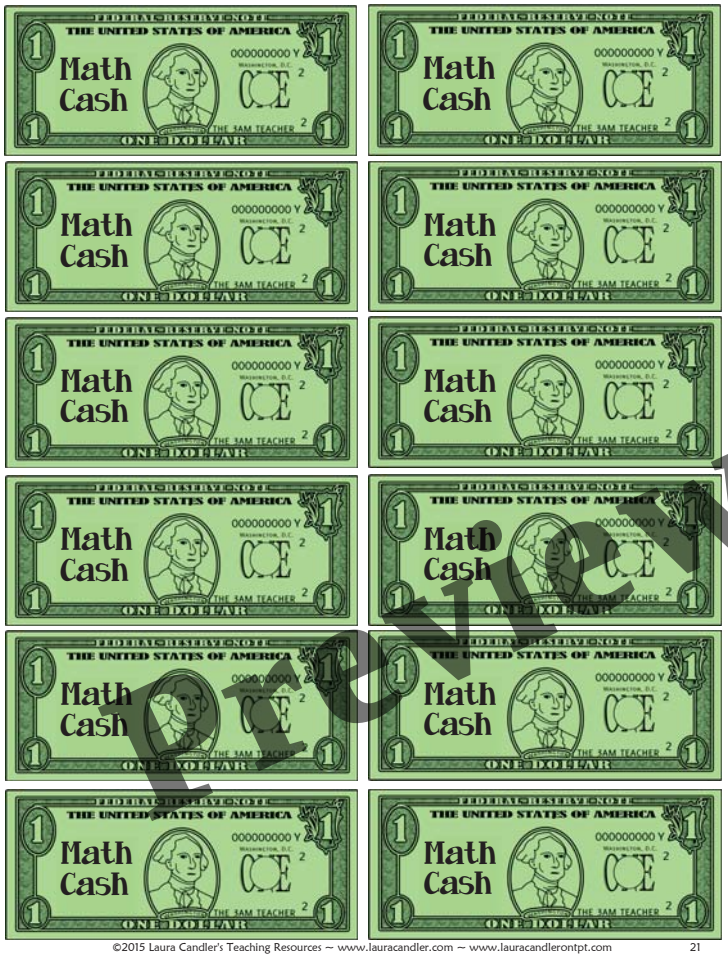
1. Place the Spin 4 Cash spinner in the middle of the team. The person wearing the most green becomes the first Banker; give the Math Cash to the Banker.
2. Shuffle the deck of problem cards and place them face up in the center of the team. If the answers are not on the back of the cards, place the answer key face down near the pile of cards.
3. 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.
4. When everyone is 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 key. Discuss solutions, talk over incorrect answers, and give help as needed.
5. Everyone with the correct answer takes a turn spinning for cash. To use the spinner, follow the directions in the lower right corner of the spinner board.
6. The Banker pays each player the appropriate amount or collects cash if the player must pay the Bank. If a player lands on Bankrupt, he or she must return all his or her earnings to the bank.
7. If everyone solves the problem correctly, the Banker pays everyone a $1 bonus.
8. If the Banker runs out of $1 bills, he or she may make change by giving a player a $5 bill in exchange for five $1 bills to replenish the bank's supply.
9. Rotate the role of Banker to the left for each round.

Spin 4 Cash Spinner

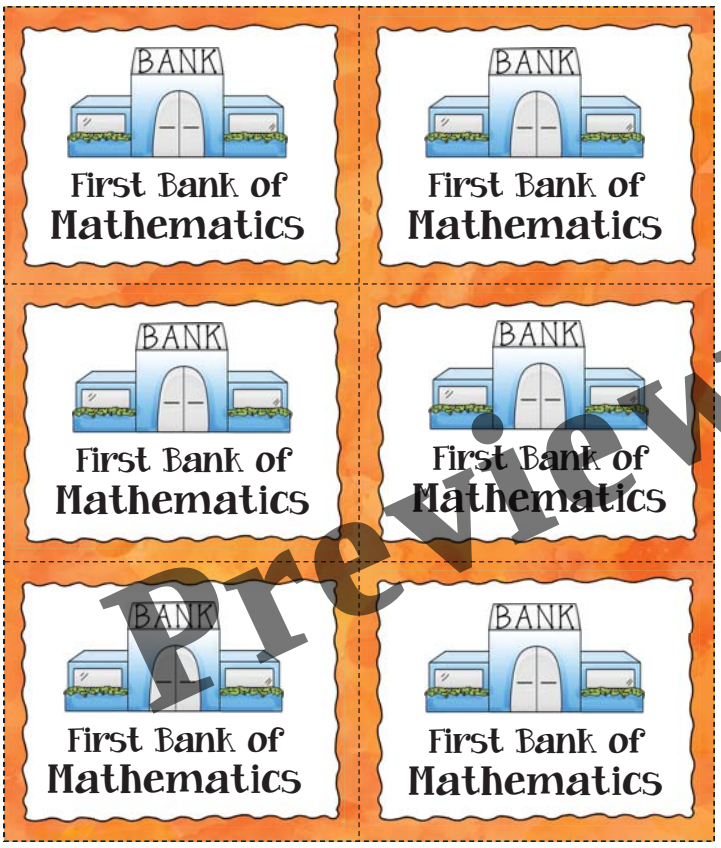


Directions: To use the spinner, you'll need a paper clip and a pencil. Put the paper clip down with one end over the center dot. Put the pencil point down inside the paper clip and hold the pencil in place. Thump the paper clip. It will spin around the pencil point and point to one section on the spinner.

Preview Version



First Bank of Mathematics Envelope Labels



More Terrific Teaching Resources from Laura Candler!

Click each cover below to find the item on TeachersPayTeachers.

Copyright Info

Spin 4 Cash Fraction Review Game is protected by copyright. Unless your school has purchased multiple licenses, your single user purchase entitles you to make copies for your classroom only. You may not share this product in any form without permission. Email me at contact@lauracandler.com with inquiries. Thanks for valuing my work by respecting the copyright on this book!
~ Laura Candler

Connect with Me!

Website: www.lauracandler.com
Pinterest: www.pinterest.com/lauracandler
Facebook: www.facebook.com/teachingresources
TpT Store: www.teacherspayteachers.com/Store/Laura-Candler
Corkboard Connections Blog: www.corkboardconnections.com
Candler's Classroom Connections: www.lauracandler.com/signup.php

Laura Candler

Artwork Credits

Artifex www.teacherspayteachers.com/Store/Artifex
Educlips www.teacherspayteachers.com/Store/Educlips
Digital Classroom Clipart www.digitalclassroomclipart.com
The 3 AM Teacher www.teacherspayteachers.com/Store/The-3am-Teacher
Kate Hadfield Designs www.teacherspayteachers.com/Store/Kate-Hadfield-Designs
Whimsy Workshop Teaching www.teacherspayteachers.com/Store/Whimsy-Workshop-Teaching

Preview Version