

In this packet, you will find a variety of games your child can play at home to practice their multiplication math fact fluency.

The goal in third grade is to know your multiplication facts “in a snap!” According to our third grade learning standards, students are expected to know their facts with products from 0 through 100, so we’ve been focusing on factors of 0 to 10. Some of these games to provide practice for factors of 11 and 12. Though these are not strategies we’ve practiced in class, you are welcome to have your student practice these facts at home, or focus on factors of 0 through 10.

I have included a clear sheet protector and white board marker so you are able to use these boards multiple times.

We want to make sure the kids are having fun and are engaged as they practice their facts. Feel free to use these games as you see fit for your family, along with the flashcards that were sent home!

Have fun!  
– Mrs. Salas



# Spiral Multiplication Card Game

## Materials Needed

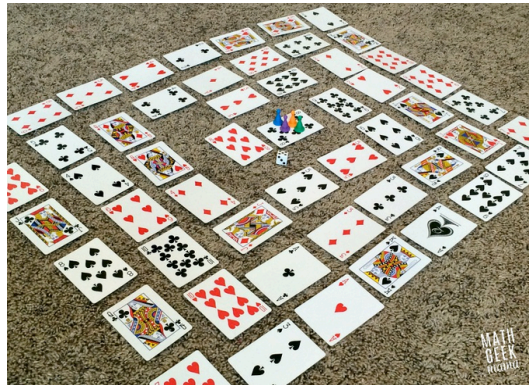
- Deck of playing cards
- Game pieces for each player (cubes, pieces from another game, beads, etc)
- 1 or 2 dice

## How to play Spiral

*The object of this game is to be the first to travel from start to finish.*

Start with a complete deck of cards, as well as 1-2 dice and game pieces for each player. Ace = 1, Jack = 11, Queen = 12 and King = 13. OR, have the face cards all equal 10...depending on what your child is ready for!

To begin, **build a spiral** out of the entire deck of cards, as shown in the picture below. This will serve as **your game board**. You can use the same board for multiple games, or create a new board each time to change it up.



Each player then places their game piece at start (the center of the spiral).

To start, the first player rolls a die and moves that number of cards on the game board. They must then **multiply the number on their die with the value of the card they landed on**. If they solve it correctly, they stay there, otherwise they go back to their previous position.

Players then take turns rolling and moving around the game board.

If a player lands on a card with another player on it, they **“bump” that player back to start**.

If a player **lands on a “double,”** meaning the number on their die and the value of their card is the same, **they get to go again**.

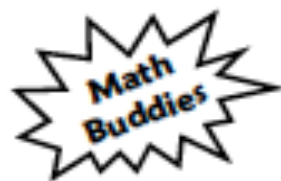
The first player to land exactly on the last card and correctly solve the multiplication problem wins!

# Multiplication War



Number of Players: 2

Materials: Deck of Playing Cards  
(remove Aces and face cards)



Directions:

1. Shuffle the deck of cards and divide them evenly between you. Do not look at your cards!
2. Face your partner. At the exact same time, each of you will take the top card from your deck and place it face up between you.
3. Immediately multiply the two numbers and call out the answer. Whoever says the product first wins both cards and places them at the bottom of his/her deck.
4. If you say the product at the exact same time, you declare WAR! Together, chant the words "I Declare War" and place 3 cards on the table. Put the first 2 face down and the third one face up. Quickly multiply the the two cards that are face up, and say the product. Whoever says the product first wins all cards on the table!
5. Repeat steps 1 - 4 until one person wins all the cards or the time is up. The person with the most cards is the winner.



# Multiplication Roll 'Em

Player 1 rolls the pair of dice and multiplies the two factors. Player 2 rolls and multiplies. The Player with the largest product wins the round.

Player 1: \_\_\_\_\_

1. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

2. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

3. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

4. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

5. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

6. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

7. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

8. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

9. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

10. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

Player 2: \_\_\_\_\_

1. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

2. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

3. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

4. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

5. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

6. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

7. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

8. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

9. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

10. \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

There are many great online resources to use on a computer or device to help your child practice his/her math fact fluency!

<http://www.multiplication.com/games/all-games>

This website has A LOT of different games to play to practice multiplication facts. There's something for everyone! You can also choose the level of difficulty for each game! Two of my favorites are "Snowball Fight" and "Monster Multiplication."

[http://www.abcya.com/clear\\_it\\_multiplication.htm](http://www.abcya.com/clear_it_multiplication.htm)

This game allows your child to create a multiplication math fact to equal a given product. There is some strategy to this game, and it's fun to think of all the different factor possibilities to reach a product!

<http://www.fun4thebrain.com/multiplication/galaxymult.html>

Galaxy Explorer takes you on a journey through a galaxy far away. Your job is to avoid the obstacles, collect stars and gems, and answer multiplication facts along the way. You can tell the game which facts you'd like to practice for each game. \*\*You can find more multiplication games on <http://www.fun4thebrain.com/mult.html>

[http://www.abcya.com/math\\_facts\\_game.htm](http://www.abcya.com/math_facts_game.htm)

This game is basketball themed! The player can choose the operation he/she wants to practice (+, -, x or ÷) and the level in which they want to practice. Each time they answer a question correctly, they earn a chance to shoot a basket!

Looking for apps to practice multiplication fluency? Here's some fun ones!

Sushi Monster – Free



3<sup>rd</sup> Grade Splash Math – free and paid version



Math Heroes – \$2.99



Check out this site: <https://imaginationsoup.net/2014/10/01/best-multiplication-apps-kids/> for "23 Best Multiplication Apps for Kids"!!!