

# Factor Frenzy Game



**Grade:**  
3–6

**Subject Area:**  
Math

**National Standards:**  
Algebraic Thinking 4.OA.b.4,  
Number and Operations 4.NBT.b.5

**Items Used for This Project:**

Stylin' Stripes Straight Border  
(CD-108204)

Stylin' Stripes Job Assignment  
Bulletin Board Set (CD-110291)

Stylin' Stripes Nameplates  
(CD-122126)

Stylin' Stripes EZ Letters  
(CD-130061)

Colorful Chalkboard File Folders  
(CD-136006)

Board Buddies: Black Pocket Chart  
(CD-158568)

Center Organizers Pocket Chart  
(CD-158038)

## Directions:

Outline the area where you want to play the game with the Stylin' Stripes Border. Add sections of the Bulletin Board set as shown. Make a hinged cover with tape to hide the numbers, as shown, and label these a–e. Laminate or use write-on/wipe-off contact paper so the numbers can be quickly changed. Create a header with 4" EZ Letters. Write applicable math vocabulary words and have students use these when describing numbers or playing the game.

## Instructions for Use in the Classroom:

This is a great way to get students to practice multiplication/division skills and become familiar with factors and prime/composite numbers. The object of the game is to be the first team to get to 100 points. Points are earned by correctly identifying ALL the factors of a given number and adding together. Start by forming two teams. Write a series of numbers on the top cut-outs and cover them (so the students don't see the numbers). Decide which team will go first and have them choose one hidden number by selecting a–e. This team will have to correctly identify the factors of the revealed number.

If a team reveals a prime number, then that amount can be added to their score or subtracted from the opponents' score. If a team doesn't correctly identify the factors, the other team is allowed to try. If correct, they will earn that amount. First team to reach 100 points wins.