

Expanding...

Making New Numbers

Take turns throwing the dice. Create the highest possible number.



Which is the bigger number?

Student Name: _____

Teacher's Name: _____

Due Date: _____

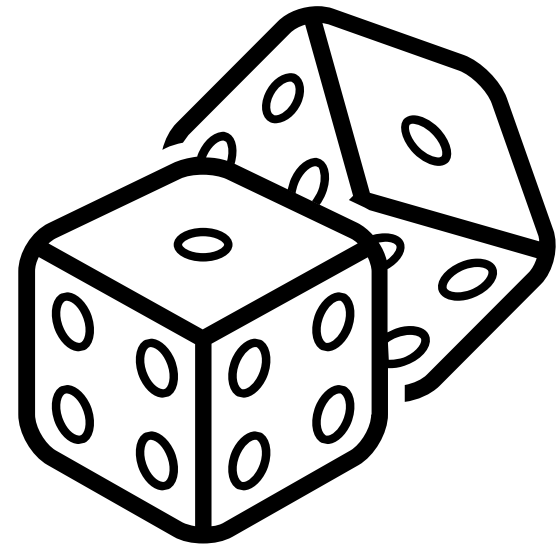
Partner's Name: _____



The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.

Let's Explore

Adding with Dice

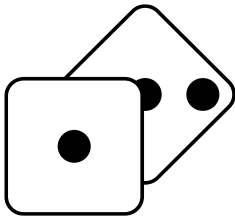


Exploring...

Numbers with Dice

Games with dice provide a fun way to develop basic math skills like addition and subtraction, just to name a few.

A die is a cube with 1 to 6 dots on each side.



Make 2 paper dice with the pattern provided or use dice you have at home.

Materials: A pair of dice (pattern provided), paper and pencil for keeping score

What to do

GAME #1 Building Math Skills

1. Take turns throwing the two dice. Count the dots on each die. Add them together. Write down this number. Have your partner do the same on their turn.
2. When it is your turn again, throw the two dice again and write down the number again. Now add this total with the total number of dots you got last turn.
3. Decide in advance how many rounds you will play. The player with the highest number wins.
4. With practice, it will go faster.



