

Math Activities

The Heads In, Hearts In family enrichment program encourages families to use their minds (putting their “heads in”) as a tool to expand their knowledge around a variety of topic areas. By creating a shared educational experience, the family unit will work, grow and learn together, putting their “hearts in” to the process.

This unit contains the following:

- ▶ 3D Shapes
- ▶ Eggs-cellent Counting
- ▶ Guess Which Shape
- ▶ Gumball Equations
- ▶ Hungry Hedgehogs
- ▶ Marshmallow Structures
- ▶ Measure a Room
- ▶ Measurement Equivalents
- ▶ Measuring Liquids
- ▶ Photo-Graph
- ▶ Pie Die
- ▶ Skippy Clippy
- ▶ Spinner Math
- ▶ Stories Math
- ▶ Time: Before and After
- ▶ Twisting Place Values

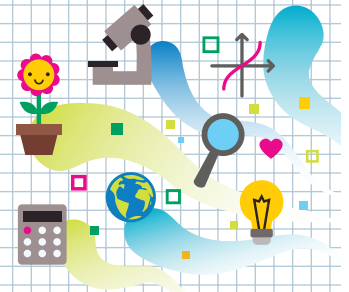


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HEADS IN, HEARTS IN

Spinner Math Instructions for Set-Up

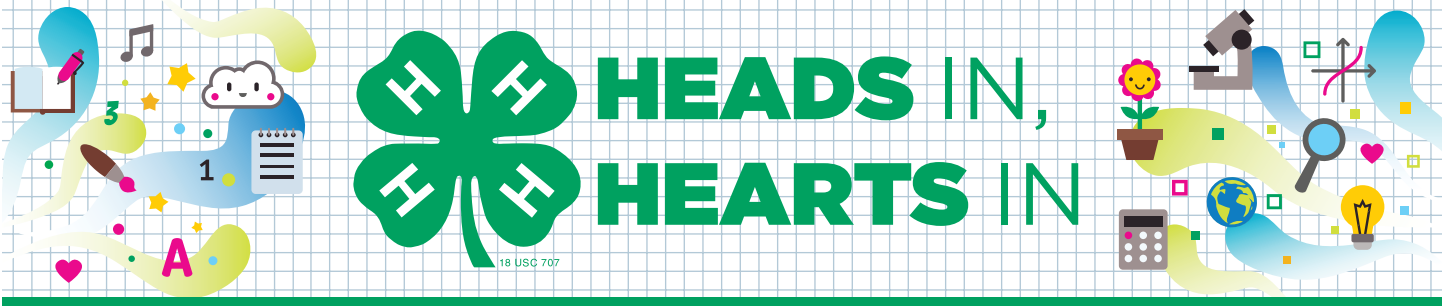


Supplies

- “Guide for Families” handout
- Clear plastic standup display (optional)
- Display table
- “Spinner” handout
- “Spinner Math” handout
- “Blank Spinner” handout
- Sharpened pencils
- Paper clips

Activity Preparation

- ▶ Purchase or locate items on supply list.
- ▶ Print one copy of the “Guide for Families” handout. Laminate or place in a clear plastic standup display to allow participants to see it more readily.
- ▶ Print copies of the “Spinner” and the “Blank Spinner” handouts. Each participant may choose to do one handout or both of them.
- ▶ Print copies of the “Spinner Math” handout. Each participant may need more than one.
- ▶ Set up the display table and arrange needed supplies.



Spinner Math

Guide for Families

Learning Objectives

What you need to know:

An **equation** is a math sentence with two equal sides separated by an **equal to** sign (=). For example, in the equation $1+1=2$, both sides of the equation are equal. Equations often show two different ways to represent a number.

What you will do and learn:

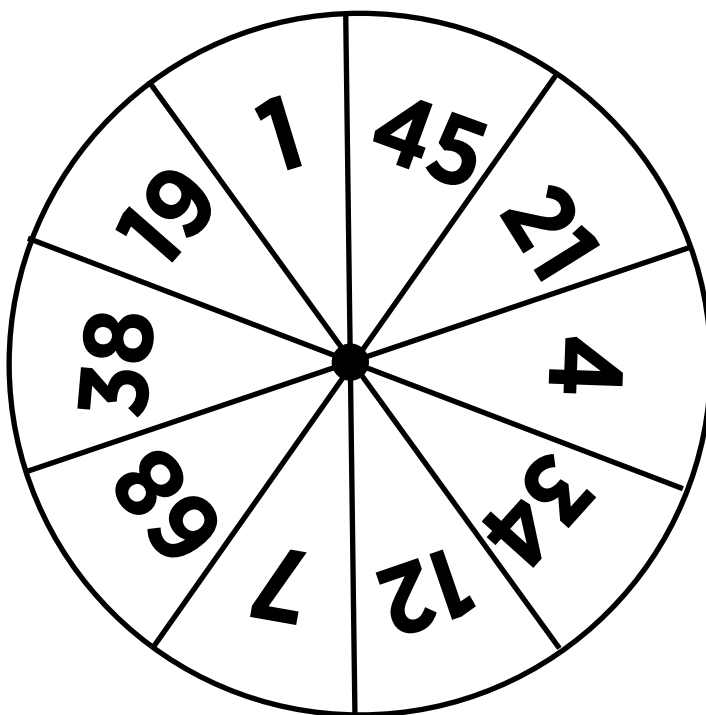
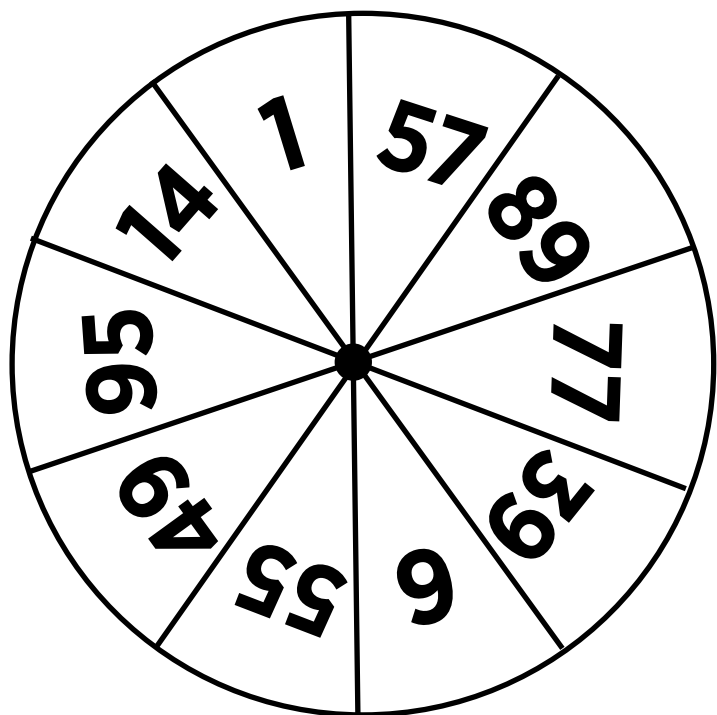
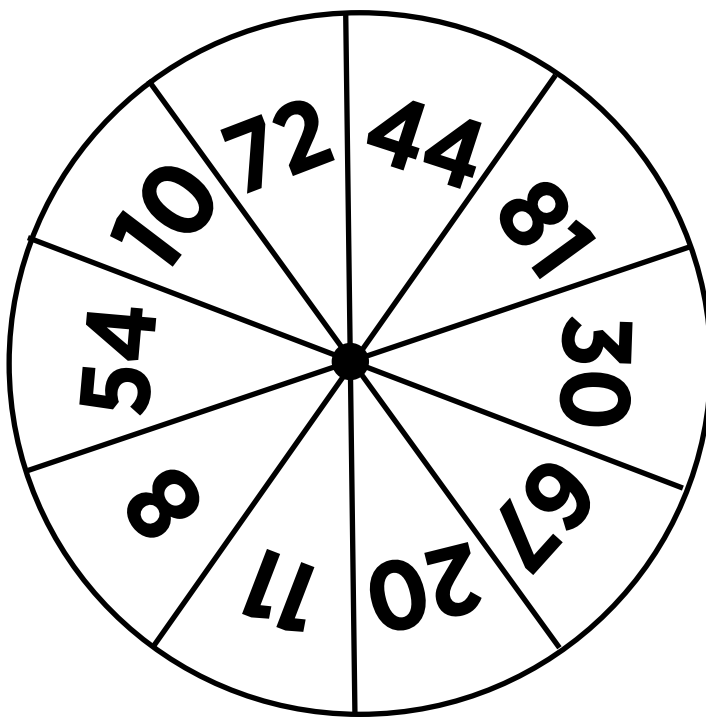
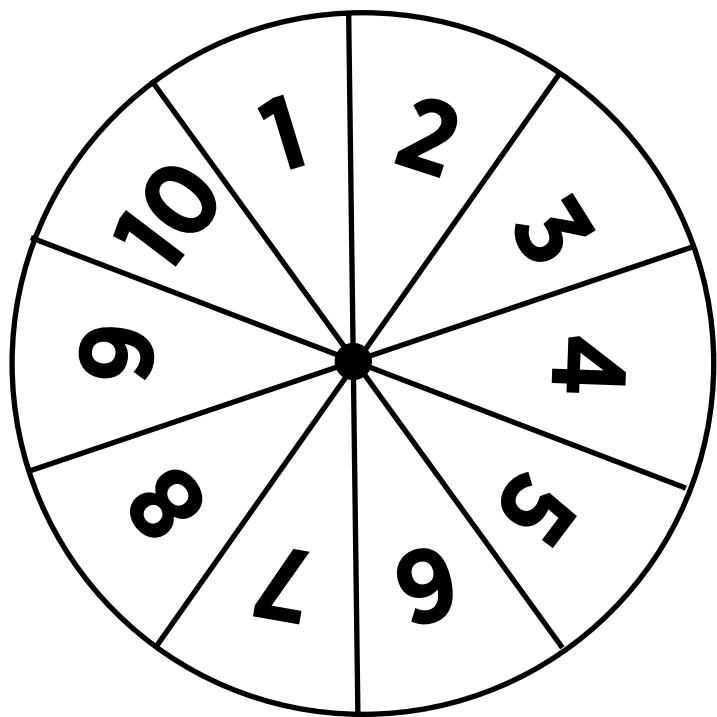
You will use common items to practice math equations. You will practice adding, subtracting or multiplying a variety of numbers. You also can practice identifying numbers, solving math problems and naming place values.

Instructions

1. Take one copy of the “Spinner” handout and one copy of the “Spinner Math” handout.
2. Take a pencil and a paper clip.
3. Place the paper clip onto the sharpened end of the pencil.
4. Put the tip of the pencil in the center of the “Spinner” handout.
5. Using your finger, spin the paper clip. See where the paper clip stops.
6. Record the number where the paper clip stopped on the first equation of the “Spinner Math” handout.
7. Spin the paper clip again.
8. Record the number where the paper clip stopped below the first number you wrote down on the “Spinner Math” handout.
9. In the small circle, decide if you want to add, subtract or multiply the two numbers. Add that symbol. Remember for subtraction, the larger number needs to be put on top of the smaller number.
10. Solve the equation.
Adaptations:
-Use the “Blank Spinner” handout to choose your own numbers for the activity.
-Identify which number is in the ones, tens or hundreds place value position.

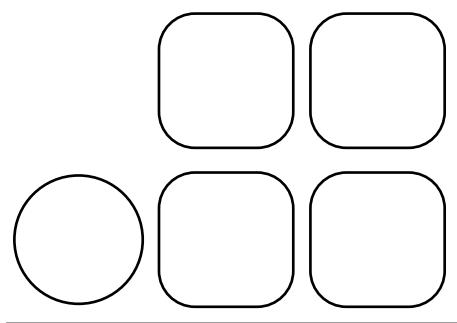
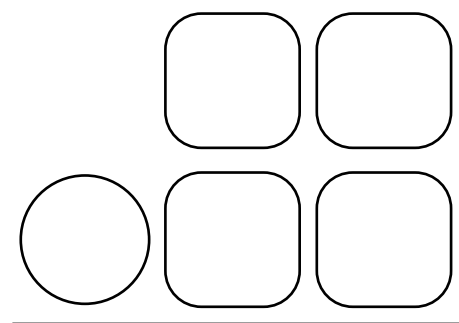
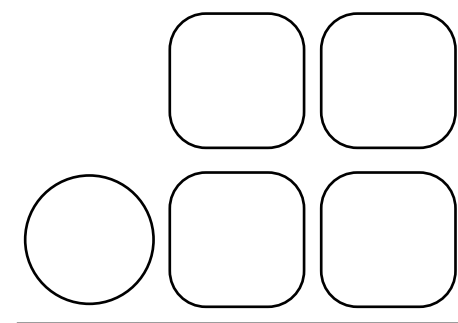
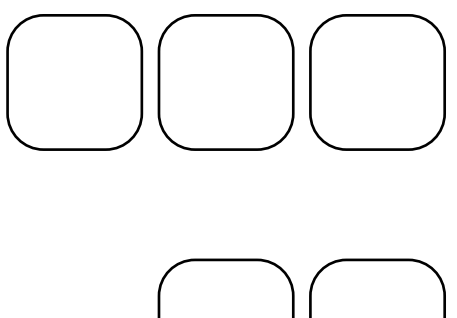
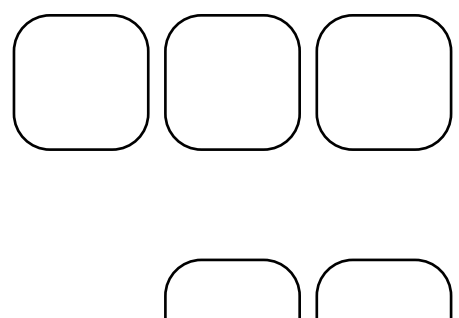
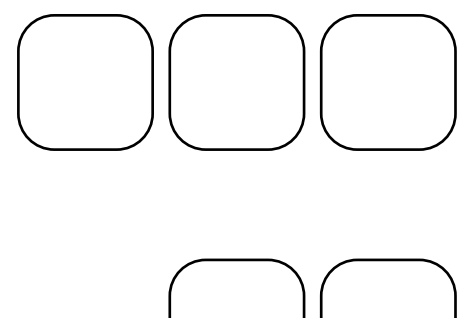
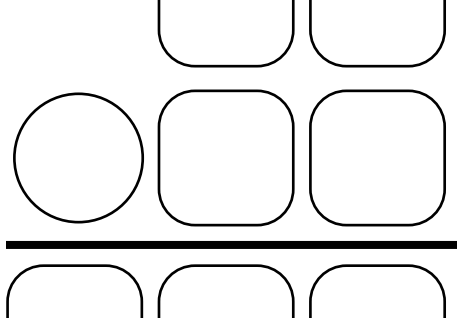
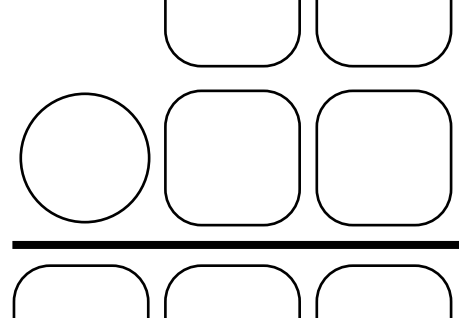
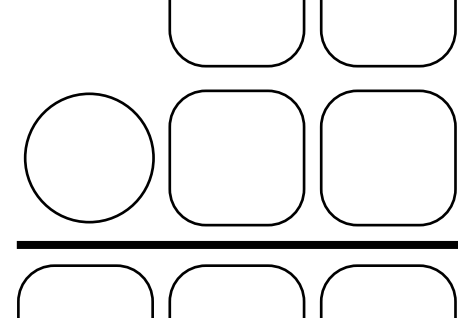
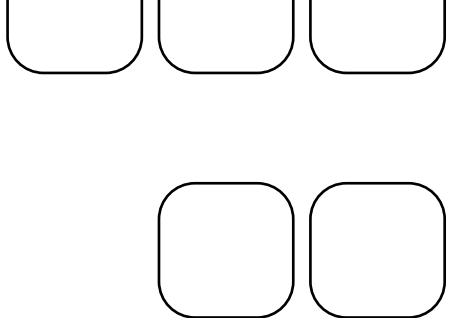
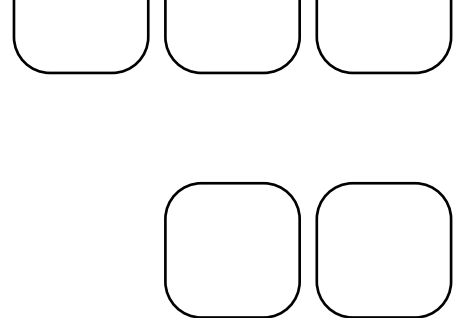
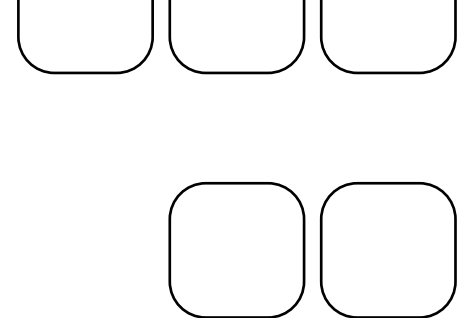
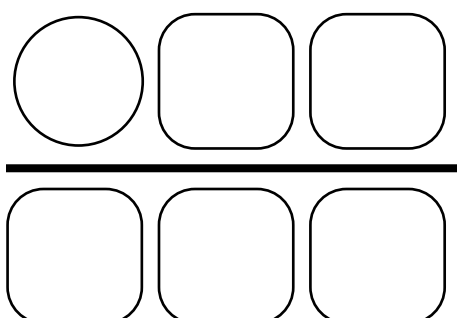
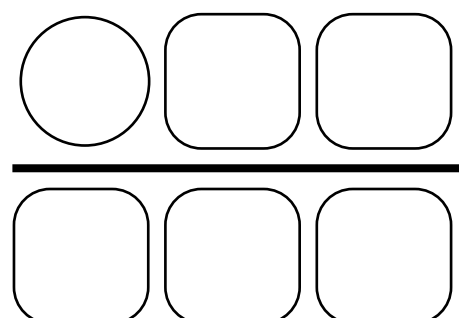
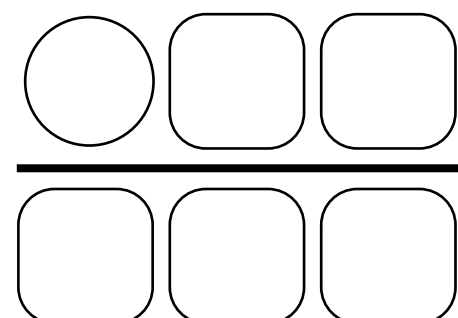
Spinner Math

Spinner Handout



Spinner Math

Spinner Math Handout

Spinner Math

Blank Spinner Handout

