



HOLLAND HALL MIDDLE SCHOOL SUMMER MATH BINGO

D

In the Kitchen



Find a recipe, double it or half it. Make the recipe for your family.

U

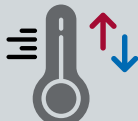
Drawn to scale



Design your dream bedroom to scale on graph paper.

T

Temperature Tracker



Check the temperature outside 3 times during the day. What is the range of temperatures?

C

Heart Rate



Sit quietly for 2 minutes. Use a time and count your pulse for 15 seconds. What is your heart rate per minute? Dance or walk for 2 to 3 minutes, What is your heart rate now?

H

Coin Collector



Gather all the coins you can find. Group them by type and find the total value.

Game Night



Host a game night be the official scorekeeper.

Measurement Mania



Measure the length & width of 3 different rooms in your house using a ruler or measuring tape.

All Ten



Search All Ten online, play the Beast Academy Game. How many of the 10 can you find?

Price Comparison



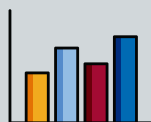
Compare unit prices on 3 similar items at the store.

I Have, You Need...



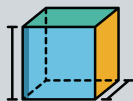
Play a few rounds of I have, you need. Directions included.

Graph It



Collect data on something (family's favorite color or types of cars in a parking lot), create a simple bar graph.

Volume Voyage



Find two different containers. Estimate which hold more. Then, try to find a way to compare volume (e.g. fill them with sand or water).



Estimation Station



Family estimates the number of items in a jar (e.g. buttons, beans.) Count to see who is closest.

Daily Set



Search online Daily Set, play a game. How long does it take you to find all 6 sets?

Quilt Fractions



Create a quilt square using triangles, squares and rectangles. Label each fraction. Template included.

Math at Work



Interview someone about how they use math in their job.

Symmetry Search



Find 3 objects in your house that have a line of symmetry. Sketch each and draw all of the lines of symmetry.

X Marks the Spot



Hide a small treasure in a room or your yard. Create a treasure map, let someone find the treasure.

Name Fraction (or %)



Count the number of vowels in your full name. What fraction (or %) of your name are vowels?

Proportion Picture



Snap a photo with Dutch, our mascot! Directions along with Dutch are included.

Geometric Art



Find at least three different geometric shapes you can trace (can for circle, box for rectangle). Use your shapes to create a picture.

Musical Math



Create a playlist. Calculate the total play time.

Buzz



Play Buzz; directions included.

How long is your stride?



Estimate how many steps it takes to walk a mile (5,280 feet). Test it.

Welcome to Holland Hall Summer Math Bingo!

Get ready to explore the fun side of math all around you—whether you're cooking, building, shopping, or simply playing games. Each square presents an opportunity to see how math connects to your everyday life.

Best of all, it's an activity the whole family can enjoy together!



Bingo = Prizes!!!

Complete **2 Bingos** and earn a **sweet treat in August**. Get **3 or more Bingos** and you'll score a **Math Dress Day**—think patterns, numbers, and all things math-tastic!

Let's make this summer add up to something great—just don't forget to have sum fun along the way!

Share your math adventures with us using **#HHMathBingo**—we can't wait to see what you discover!





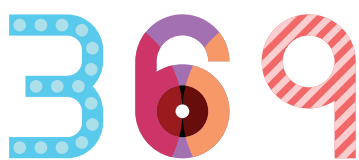
OBJECTIVE

Practice skip counting, multiples, and mental math while having fun.

HOW TO PLAY

1. **Players take turns** counting up from 1 (e.g., Player 1 says "1," Player 2 says "2," etc.).
2. Instead of saying a number that's a **multiple of a chosen number** (like 5), the player must say **"Buzz."**
 - **Example:** If you're playing with multiples of 5, players say "1, 2, 3, 4, Buzz, 6, 7, 8, 9, Buzz..."
3. If a player forgets to say "Buzz" or says it at the wrong time, they're out, or the group restarts.
4. You can make it trickier by adding **two Buzz numbers** (e.g., Buzz for multiples of 3 and 5), or **play backwards or skip count** by 2s, 10s, etc.

What patterns do you notice? Does it matter how many people are playing? Try playing with different number of people.



I Have, You Need – Find Partner Numbers!

OBJECTIVE

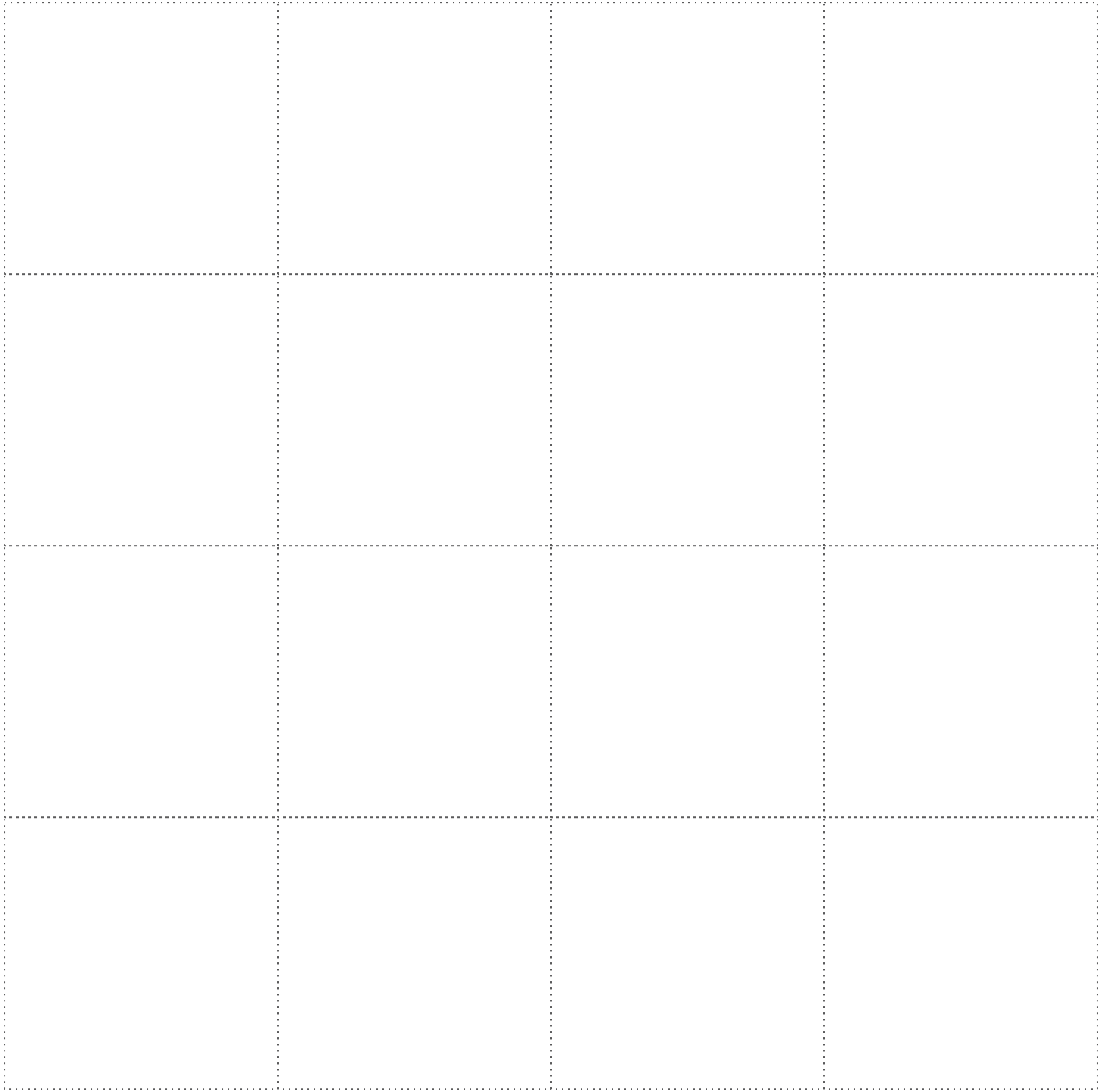
Build number relationships

HOW TO PLAY

Establish a target total number. Goal is to find its "partner".

- Say, "For a total of 100, I have 92, you need...". Give brief think time. Respond with 8.
- Start with multiples of 10. Play several rounds at a time, gradually choosing more challenging target numbers.
- Play with decimals and fractions to make a total of one. "I have $\frac{3}{4}$, you need..." "I have 0.09, you need..."
- Play with totals of 60 minutes. Thinking about angles? Play with totals of 30, 60, 90, 180 ..

Quilt Square Template





Take a creative photo with Dutch, and use perspective to make it look the same size as you!

- Use forced perspective (like holding it close to the camera while you stand farther away).
- Snap a photo that makes it look like the mascot is your size—or even taller!
- **Bonus:** Estimate how far the mascot picture and you are from the camera, and figure out the ratio of actual size to apparent size.