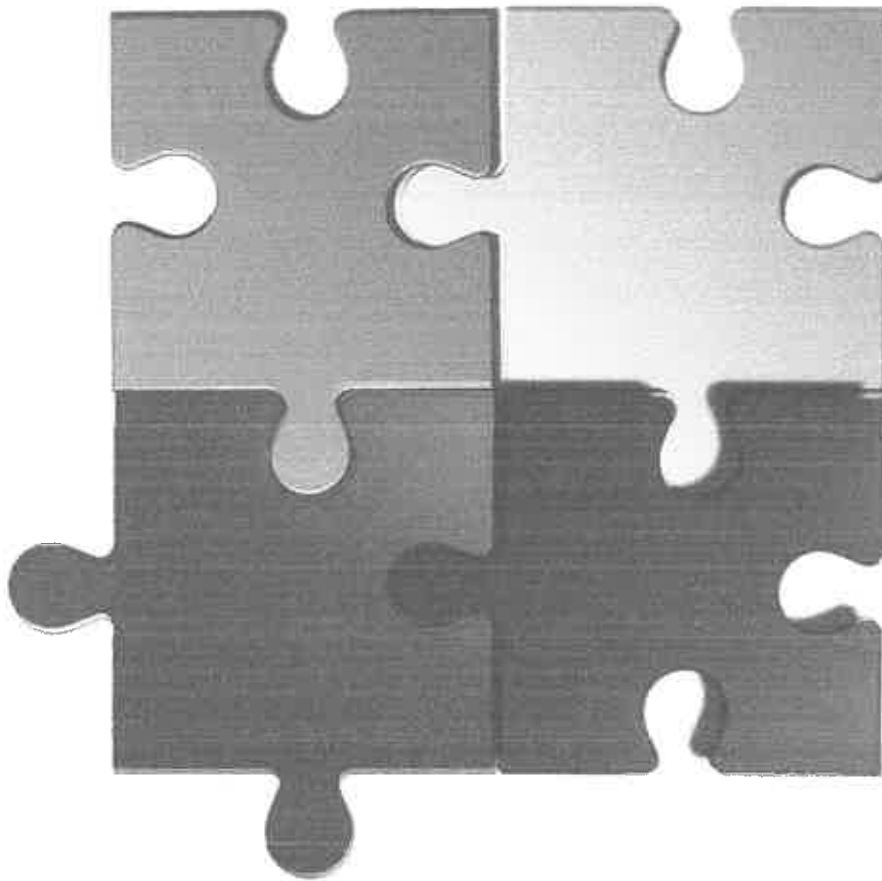


# Brain Teasers/ Logic Puzzles

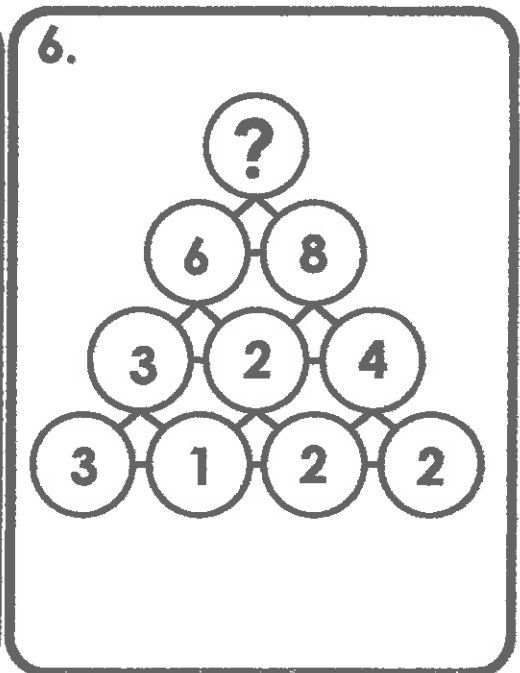
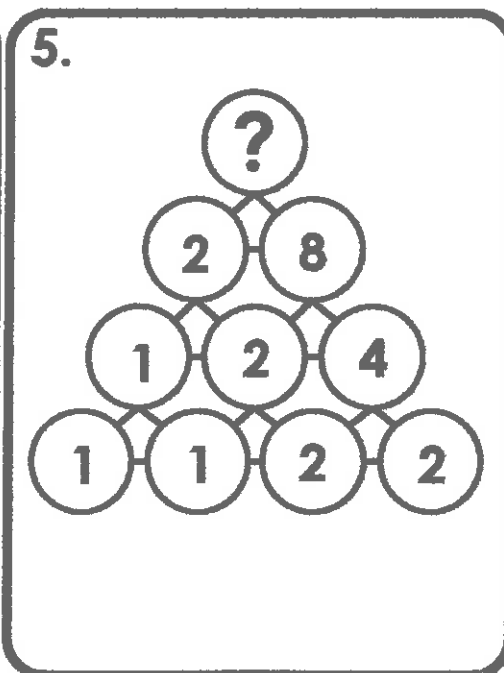
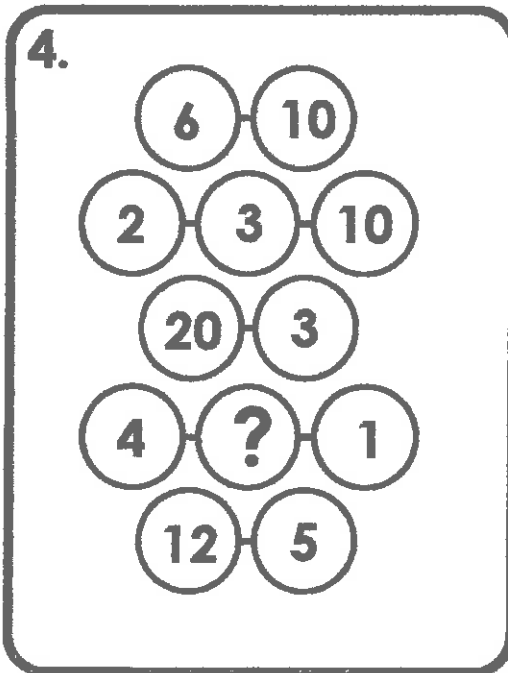
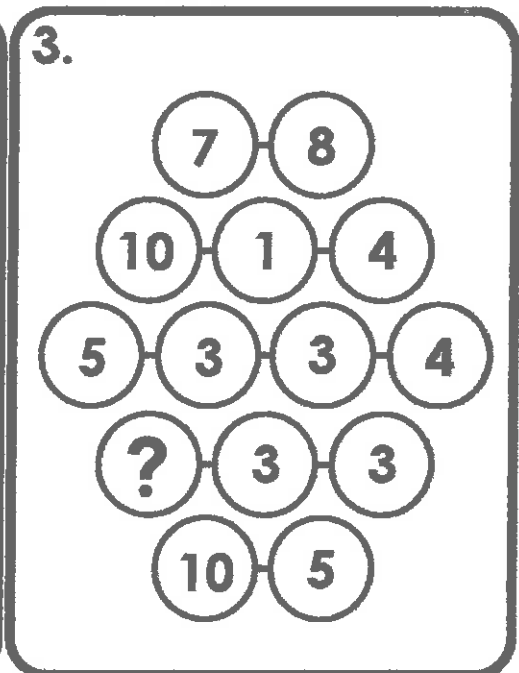
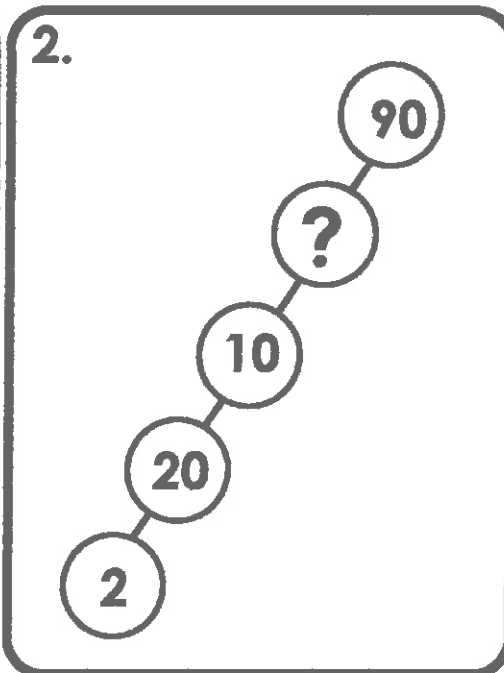
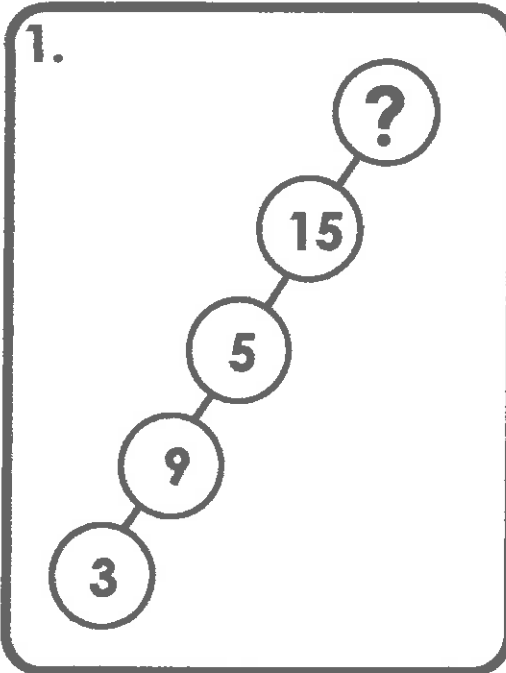


Name: \_\_\_\_\_

Name: \_\_\_\_\_

# LUCKY'S LOCKBOX

Lucky the Leprechaun is tired of people stealing his treasure, so he stashed his pot of gold in a special lockbox. Unfortunately, he left behind some coins that provide clues to the secret combination. Figure out the pattern or the relationship between the connected coins. Solve for the value of the "?" coin to find out the combination to Lucky's Lockbox.



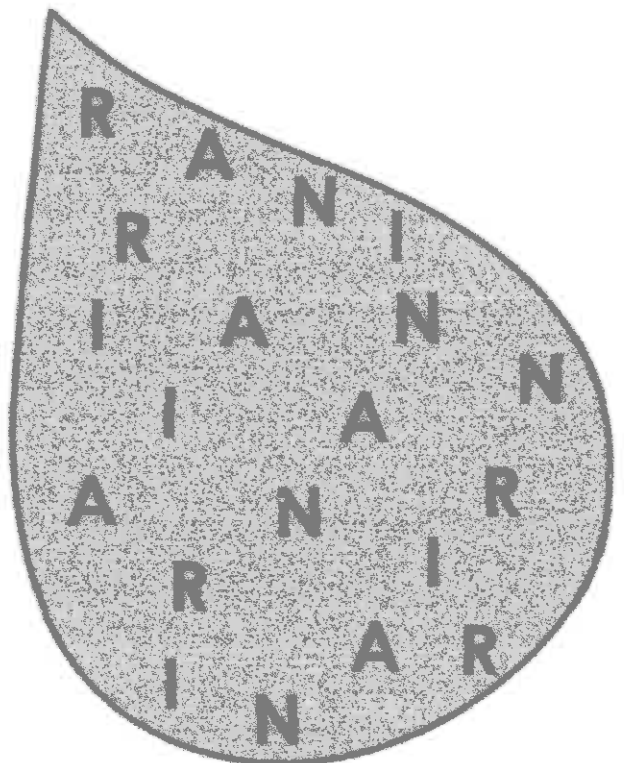
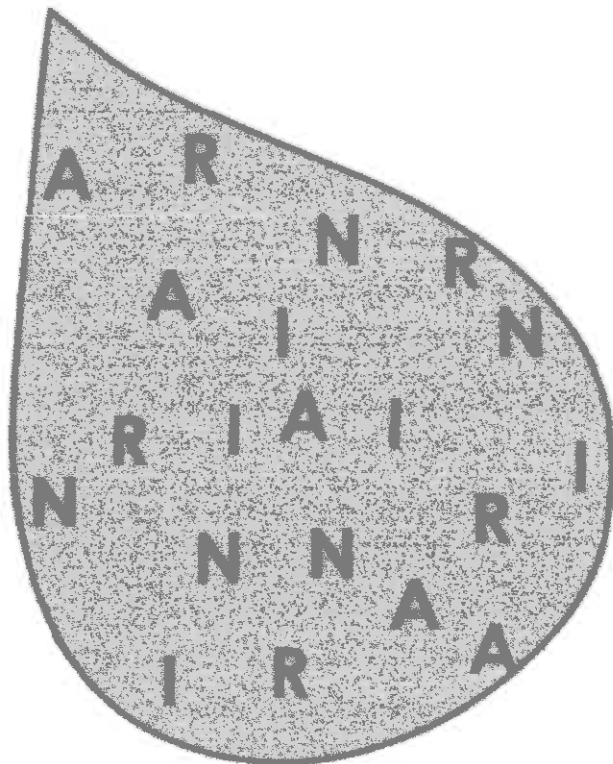
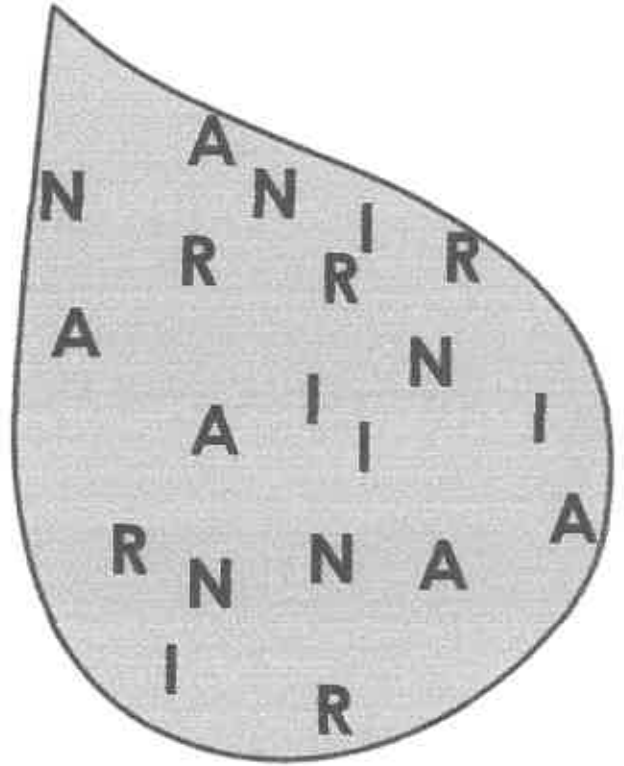
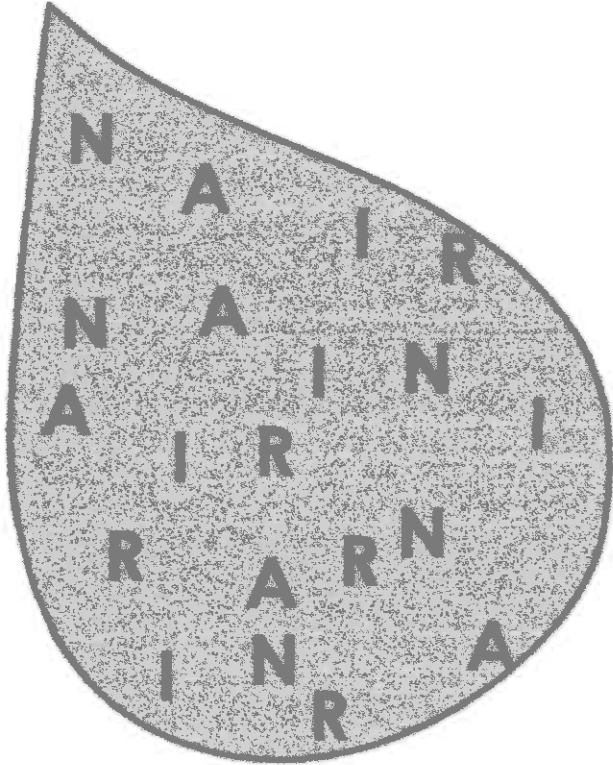
LUCKY'S LOCKBOX COMBINATION:

\_\_\_\_\_ #1      \_\_\_\_\_ #2      \_\_\_\_\_ #3      \_\_\_\_\_ #4      \_\_\_\_\_ #5      \_\_\_\_\_ #6

Name: \_\_\_\_\_

# Rainy Round-Up

Without lifting your pencil from the paper, draw **straight lines** to divide the raindrop into five parts, each containing the letters R, A, I, and N. (Hint: The lines can cross each other.)



Name: \_\_\_\_\_

# Batting Order BLUNDER

Oh no! Coach Wallace is home with the flu, and no one knows your baseball team's batting order for today's game. Luckily, you've found some clues in a note left behind by Coach Wallace. Use the clues to determine the correct batting order.

PLAYERS	HITS	POSITION
Tanya	157	Pitcher
Jordan	191	Catcher
Roberto	257	outfielders
Sebastian	157	
Carson	96	
Anaya	238	
Brock	205	infielders
Connor	105	
Monique	216	

BATTING ORDER
1.
2.
3.
4.
5.
6.
7.
8.
9.

## CLUES

- 1.) The first batter has more than 200 hits.
- 2.) The first batter has 100 more hits than the sixth batter.
- 3.) The ninth batter has 100 more hits than the eighth batter.
- 4.) The first batter is not an infielder.
- 5.) Tanya bats immediately after a teammate with the same number of hits.
- 6.) The sixth batter is not a pitcher.
- 7.) The difference in hits between the fourth batter and the first batter is less than 20.
- 8.) The second batter is neither an infielder nor an outfielder.
- 9.) The third batter's number of hits is a multiple of 12.
- 10.) The fifth batter is not an infielder.

Name: \_\_\_\_\_

# Forecast FLUB

Your local meteorologist, Storm Thunderbolt, has a big problem. He mixed up all the information from the weekly forecast. Use the clues to help Storm give the weekly forecast on the local news.

<u>Temperatures</u>	<u>Wind Speeds</u>	<u>Chance of Precipitation</u>	<u>Conditions</u>
67°	5 mph	65%	Sunny
73°	35 mph	100%	Partly Cloudy
49°	16 mph	15%	Rainy
59°	10 mph	10%	Thunderstorms
86°	19 mph	0%	Foggy

	Monday	Tuesday	Wednesday	Thursday	Friday
Temperature					
Wind					
Precipitation					
Conditions					

## CLUES



- 1.) The day with the highest temperature also has thunderstorms.
- 2.) The temperature will be 67° on Friday.
- 3.) The temperature on Wednesday is higher than the temperature on Friday.
- 4.) The temperature on Tuesday is higher than the temperature on Wednesday.
- 5.) The wind speed is the slowest on the day when the conditions are foggy.
- 6.) The day with the fastest wind speed also has thunderstorms.
- 7.) Tuesday and Thursday are the only days with a chance of precipitation that is higher than 50%.
- 8.) The day with the slowest wind speed also has the lowest temperature.
- 9.) The day with a temperature of 59° has rainy conditions and a 100% chance of precipitation.
- 10.) The day with sunny conditions has the lowest chance of precipitation.
- 11.) The conditions on Friday are partly cloudy.
- 12.) Thursday has a faster wind speed than Wednesday, and Wednesday has a faster wind speed than Friday.
- 13.) There is a higher chance of precipitation when the conditions are foggy compared to when the conditions are partly cloudy.

Name: \_\_\_\_\_


# It's Madness

You're the sports reporter at ESPN, a sports news station. You have the final scores from the college basketball games and the stats from the players. Unfortunately, the team rosters are incomplete. Use the stats provided to put the players on their correct team rosters.  
 (Hint: Each team has a Point Guard, a Shooting Guard, a Small Forward, a Power Forward, and a Center.)

## FINAL SCORE

 Tar Heels	<b>47</b>
 Jayhawks	<b>32</b>

## FINAL SCORE

 Blue Devils	<b>94</b>
 Spartans	<b>109</b>

<u>Point Guards</u>	<u>Shooting Guards</u>	<u>Small Forwards</u>	<u>Power Forwards</u>	<u>Centers</u>
Larry Pratt 20 points	Jimmy Lang 11 points	Calvin Rollins 24 points	Ted Pinion 10 points	Jared Johnson 20 points
Chris Winslow 2 points	Allen Grayson 30 points	Miles Briggs 42 points	Jerry Simon 2 points	Wesley Carter 14 points
Joe Bennett 2 points	Jake Fahdi 0 points	Carl Jones 4 points	Melvin Bradley 26 points	Max Lucas 17 points
Zack Cohen 4 points	Kevin Williams 14 points	Javier DeLuca 4 points	Rich Warren 34 points	Dan Grabowski 2 points

## ROSTERS

	<u>Tar Heels</u>	<u>Jayhawks</u>	<u>Blue Devils</u>	<u>Spartans</u>
Point Guard	Joe Bennett			Chris Winslow
Shooting Guard				
Small Forward		Calvin Rollins	Javier DeLuca	
Power Forward				
Center	Max Lucas			

Name: \_\_\_\_\_

# Springtime Signs

Solve each problem by finding the value of the Springtime symbol in each problem.

Level 1

If:

$$\text{Bee} + \text{Bee} + \text{Bee} = 6$$

$$\text{Cloud} + \text{Cloud} + \text{Cloud} = 12$$

then:

$$\text{Bee} + \text{Cloud} = \square$$

If:

$$\text{Bee} + \text{Bee} = 20$$

$$\text{Birdhouse} + \text{Birdhouse} + \text{Birdhouse} = 9$$

$$\text{Butterfly} + \text{Butterfly} + \text{Butterfly} = 27$$

then:

$$\text{Bee} + \text{Birdhouse} + \text{Butterfly} = \square$$

If:

$$\text{Cloud} + \text{Cloud} + \text{Cloud} = 60$$

$$\text{Flower} + \text{Flower} + \text{Flower} = 120$$

$$\text{Frog} + \text{Frog} + \text{Frog} = 93$$

then:

$$\text{Cloud} + \text{Flower} - \text{Frog} = \square$$

Level 2

If:

$$\text{Flower} \times \text{Flower} = 4$$

$$\text{Potted Plant} \times \text{Potted Plant} = 9$$

then:

$$\text{Flower} + \text{Potted Plant} = \square$$

If:

$$\text{Grass} \times \text{Grass} = 81$$

$$\text{Ladybug} \times \text{Ladybug} = 16$$

$$\text{Leaf} \times \text{Leaf} = 144$$

then:

$$\text{Grass} + \text{Ladybug} + \text{Leaf} = \square$$

If:

$$\text{Plant} \times \text{Plant} = 36$$

$$\text{Plant} \times \text{Plant} = 49$$

$$\text{Leaf} \times \text{Leaf} \times \text{Leaf} = 27$$

then:

$$\text{Plant} \times \text{Plant} + \text{Leaf} = \square$$

Level 3

If:

$$\text{Branch} + \text{Branch} + \text{Branch} = 48$$

$$\text{Branch} + \text{Mushroom} = 26$$

then:

$$\text{Branch} + \text{Branch} + \text{Mushroom} = \square$$

If:

$$\text{Flower} + \text{Flower} + \text{Flower} = 51$$

$$\text{Flower} + \text{Rainbow} = 29$$

$$\text{Rainbow} - \text{Snail} = 4$$

then:

$$\text{Flower} + \text{Rainbow} + \text{Snail} = \square$$

If:

$$\text{Mushroom} + \text{Mushroom} + \text{Mushroom} = 15$$

$$\text{Mushroom} + \text{Sun} + \text{Sun} = 77$$

$$\text{Sun} - \text{Watering Can} = 20$$

then:

$$\text{Sun} + \text{Watering Can} - \text{Mushroom} = \square$$

Level 4

If:

$$\text{Boot} + \text{Boot} + \text{Boot} = 36$$

$$\text{Boot} \times \text{Snake} = 84$$

$$\text{Snake} - \text{Umbrella} = 2$$

then:

$$\text{Boot} + \text{Snake} + \text{Umbrella} = \square$$

If:

$$\text{Boot} \times \text{Boot} = 144$$

$$\text{Boot} + \text{Leaves} = 16$$

$$\text{Boot} - \text{Leaves} - \text{Plant} = 6$$

then:

$$\text{Leaves} \times \text{Plant} + \text{Boot} = \square$$

If:

$$\text{Plant} \times \text{Plant} \times \text{Plant} = 125$$

$$\text{Plant} + \text{Plant} - \text{Bird} = 4$$

$$\text{Plant} + \text{Plant} - \text{Plant} - \text{Bird} = 13$$

then:

$$\text{Plant} + \text{Bird} + \text{Plant} - \text{Plant} = \square$$

Name: \_\_\_\_\_

# Bracket Busters

Use the clues below to fill out the tournament bracket and figure out the champion. (Hint: the winner goes on the line in the next round.)

Round 1

Round 2

Cavaliers

Hornets

Bruins

Wildcats

Eagles

Buckeyes

Blue Devils

Rebels

Semi-Final

Final

Semi-Final

Round 2

Round 1

Spartans

Tigers

Bulldogs

Musketeers

Cardinals

Mountaineers

Bearcats

Jayhawks

Champion

## Clues

- 1.) The Mountaineers never play the Bearcats.
- 2.) The Jayhawks never play the Cardinals and lose in the Semi-Finals.
- 3.) The Musketeers don't win a game.
- 4.) The Cavaliers don't play the Bruins.
- 5.) The Cavaliers beat the Blue Devils and Spartans.
- 6.) The Blue Devils never play the Eagles.





Name: \_\_\_\_\_

# The Garden Mystery

You are helping Mr. Green place 15 vegetable plants in his two gardens. However, the location of the plants is a complete mystery. He placed some numbers by his gardens to help you find out where to put each plant. Cut out the plants below and paste them into the garden so that the product of each row equals the number to it's right and the product of each column equals the number below it.




The Little Garden

		= 13
		= 0
		= 28
= 154	= 0	

The Big Garden

			= 108
			= 560
			= 360
= 384	= 150	= 378	

Cabbage








Tomatoes



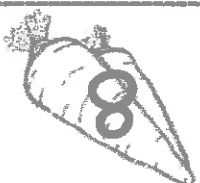




Pumpkins

Carrots

Broccoli

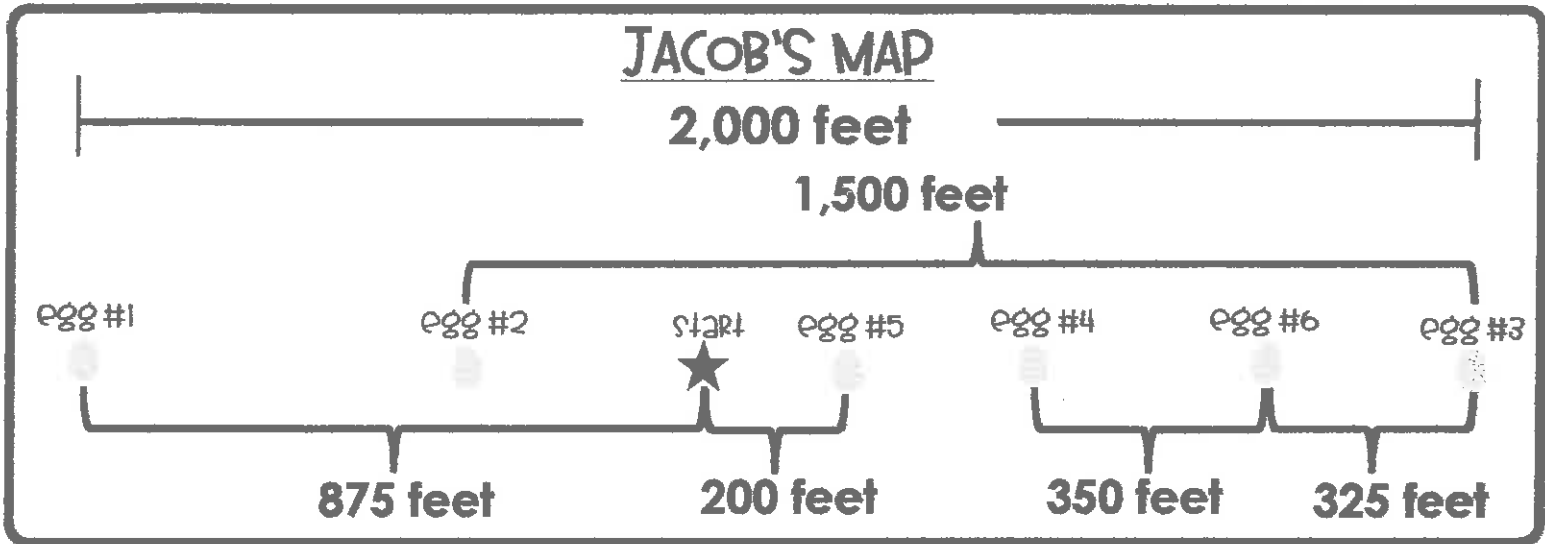




Name: \_\_\_\_\_

# The Egg Hunters

Jacob and Malika are attending an egg hunt. They each start at the star and must walk to collect each numbered egg in order from #1 to #6. Use the maps to find the missing distances, and determine how far each of them must walk.

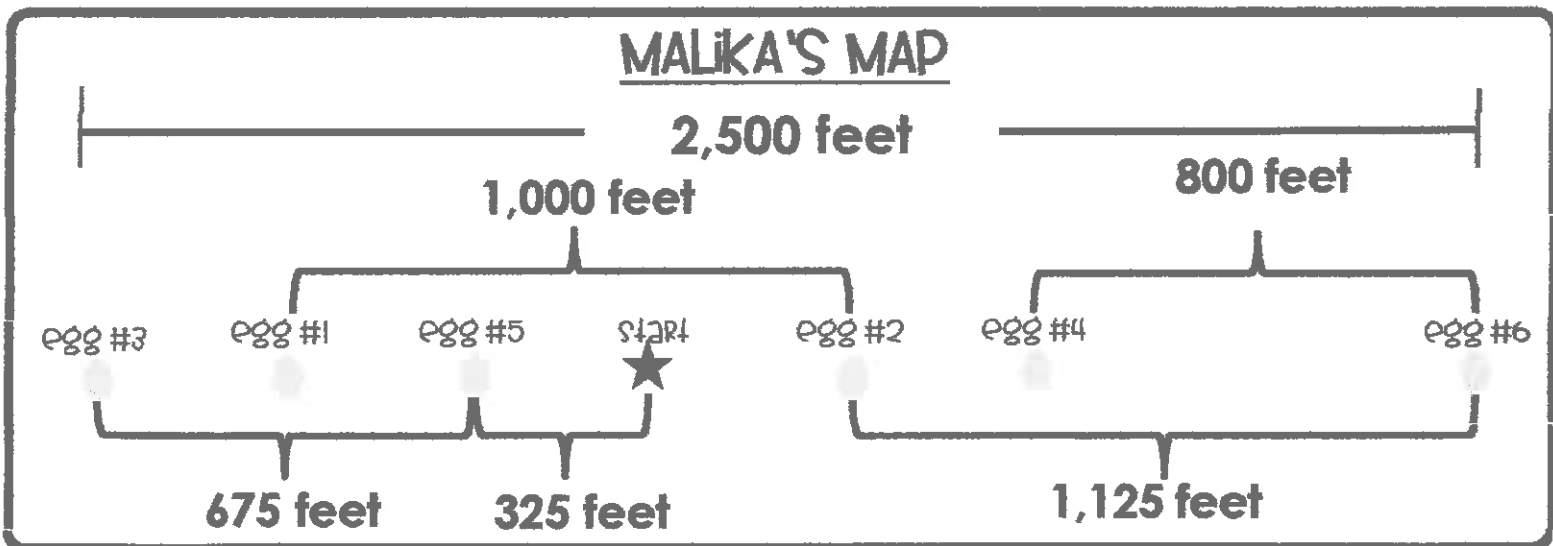


How far does Jacob walk?

Trip	Distance	Trip	Distance
start → #1		#3 → #4	
#1 → #2		#4 → #5	
#2 → #3		#5 → #6	

How far must Jacob walk in total?

\_\_\_\_\_



How far does Malika walk?

Trip	Distance	Trip	Distance
start → #1		#3 → #4	
#1 → #2		#4 → #5	
#2 → #3		#5 → #6	

How far must Malika walk in total?

\_\_\_\_\_

Name: \_\_\_\_\_

# ZOO SHAFU

This year, the students at Hunter Elementary are taking a field trip to the zoo. Each student will be in a group of four, and each group starts their visit at a different attraction. However, when they arrive at the zoo, no one knows which group they are supposed to stay with. Use the clues below to put the students into their correct groups.

<u>3<sup>rd</sup> Graders</u>	<u>4<sup>th</sup> Graders</u>	<u>5<sup>th</sup> Graders</u>	<u>6<sup>th</sup> Graders</u>
Jessica	Kerri	Dane	William
Miles	Taylor	Justin	Candace
Jameson	Alexis	Jasmine	Darryl
Gabrielle	Elijah	Alexandra	Wesley

## CLUES

- 1.) In one group, everyone has a name that begins with the same letter.
- 2.) Justin's group is going to Cat Kingdom.
- 3.) No 6<sup>th</sup> graders are in the group going to Reptile Republic.
- 4.) Neither William nor Candace are in the group going to Penguin Precinct.
- 5.) Darryl and Wesley are the only 6<sup>th</sup> graders in their group.
- 6.) No 3<sup>rd</sup> graders are going to Reptile Republic or Penguin Precinct.
- 7.) Kerri and Elijah aren't going to Penguin Precinct.
- 8.) Dane is in the same group as Kerri.
- 9.) Taylor and Alexis are in a group with no 5<sup>th</sup> graders.

	STUDENTS
PRIMATE PALACE	
CAT KINGDOM	
REPTILE REPUBLIC	
PENGUIN PRECINCT	

# Flower Girl Perplexer

See if you can beat Ms. Faye!!! This took me a while to figure out...

There was a wedding with 4 flower girls: Stacy, Mandy, Nicole and Erica. From this information, can you determine each girls: **age, last name, and colour of their flower?**

This uses the process of elimination strategy. Use a pencil (write very lightly in case you need to erase) to circle and cross out the answers to the clues!

	<b>Staci</b>	<b>Mandy</b>	<b>Nicole</b>	<b>Erica</b>
<b>Age</b> (1- youngest/first, 4- oldest/last)	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
<b>Last Name</b>	Jones Clark Brown Smith	Jones Clark Brown Smith	Jones Clark Brown Smith	Jones Clark Brown Smith
<b>Colour of Flower</b>	Blue Pink Yellow White	Blue Pink Yellow White	Blue Pink Yellow White	Blue Pink Yellow White

1. The youngest marched down the aisle first, followed in order by the second youngest, third youngest and oldest.
2. Mandy marched down BEFORE the Jones girl.
3. The girl with the pink flowers WAS NOT Nicole, and WAS NOT the youngest.
4. The Clark girl is younger than the girl with the yellow flowers.
5. The Clark girl is older than Erica.
6. Nicole DID NOT have blue flowers.
7. The girl with white flowers is older than the girl with pink flowers.
8. The Brown girl marched down the aisle AFTER Nicole.
9. The Clark girls DID NOT have pink flowers.

