

Mind Twisters

Packet #5

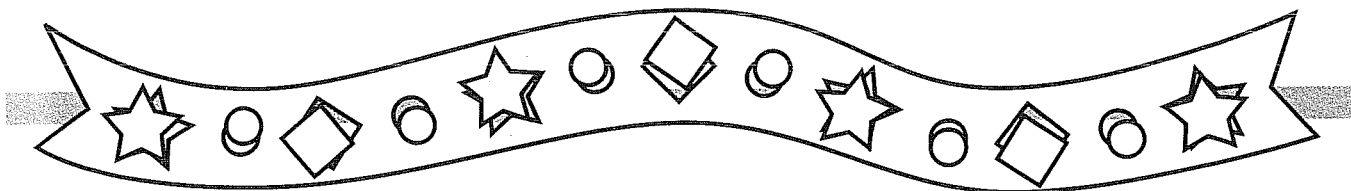
NAME: _____



More Fun with Palindromes

A *palindrome* is a word that reads the same backwards or forwards. Answer each question with a palindrome.

1. What lets you see? _____
2. When do we typically eat lunch? _____
3. What is another word for "public"? _____
4. What do you call a woman when you're being polite? _____
5. What are you if you're blushing more brightly? _____
6. What do you play by yourself on an instrument? _____
7. What might you exclaim at a surprise party? _____
8. What might you do if your wall covering is old and faded? _____
9. What do you call a woman in a convent? _____
10. What is a good word for helping an elderly person across the street? _____





Scrambled Geographical Features

Our world is made up of many exciting geographical features. Unscramble the words below. The first one has been done for you.

1. vace

cave

2. racegil

3. covloan

4. nonamitu

5. dilnas

6. araftwell

7. rested

8. oncea

9. verri

10. nonyac

11. ramset

12. kale

13. humsits

14. nunelapis

15. eutlapa

16. yab

17. etubt

18. tooliflh

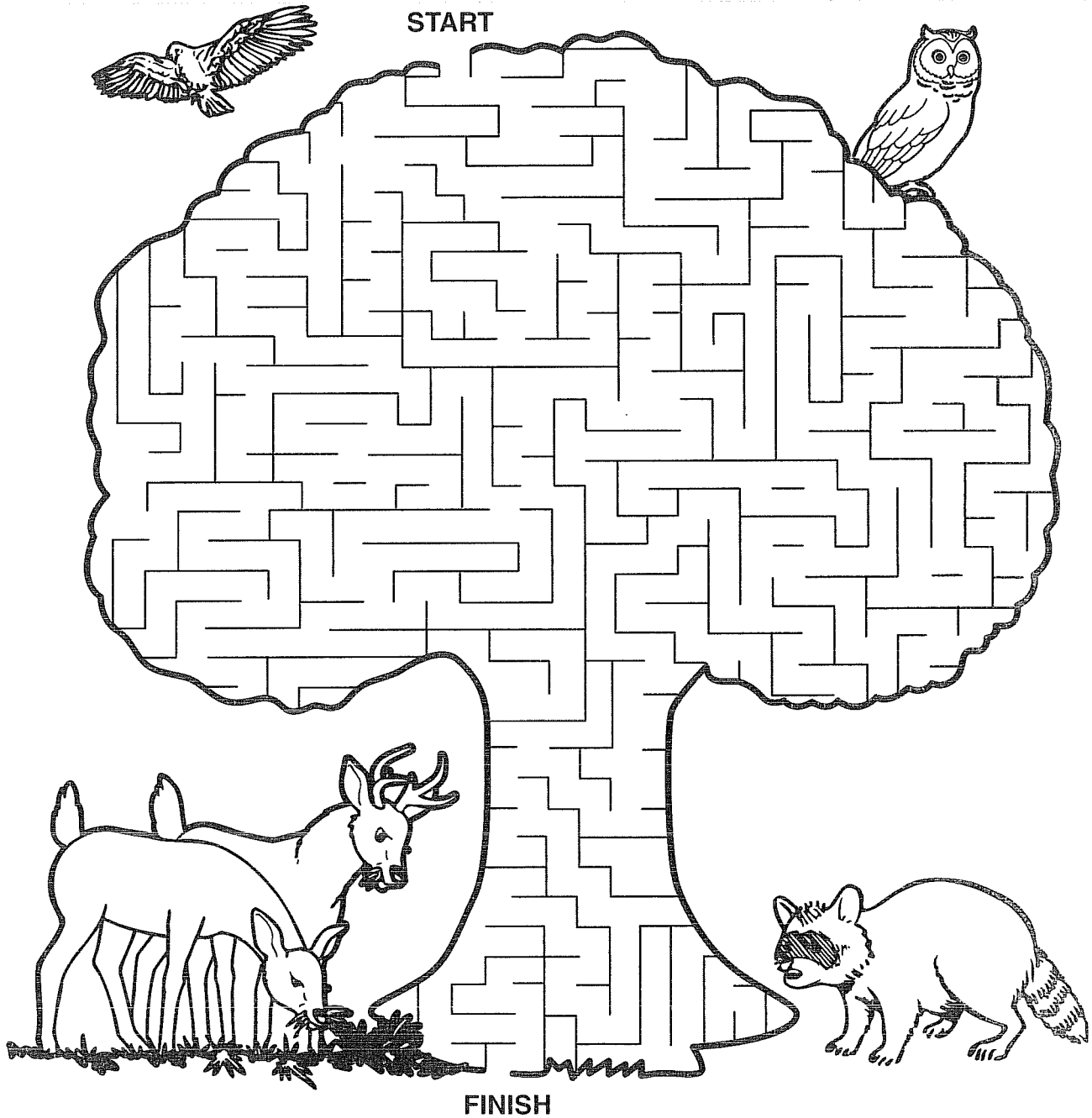
19. pace

20. buytartir



Forest Maze

Forests are home to owls and hawks, deer and raccoons, squirrels and insects, and dozens of other creatures! Help this hiker to navigate the maze in this tree below.





Awesome Analogies

Finding the relationship between one pair of the analogy gives you the key to solving the second pair. Complete the analogies below. The first one has been done for you.

1. black is to white as night is to day .

Relationship: _____ These are opposites.

2. Joey is to kangaroo as _____ is to cow.

Relationship: _____

3. Peel is to banana as _____ is to your body.

Relationship: _____

4. Notes are to music as _____ are to a rose.

Relationship: _____

5. Clown is to entertain as doctor is to _____.

Relationship: _____

6. Needle is to thread as basketball is to _____.

Relationship: _____

7. Jockey is to the Kentucky Derby as _____ is to the World Series.

Relationship: _____

8. Leaves are to oxygen as _____ is to music.

Relationship: _____

9. Salad is to vegetables as jigsaw puzzle is to _____.

Relationship: _____

10. Boots are to mountains as _____ are to oceans.

Relationship: _____



Number Problems

Solve these number problems using addition, subtraction, multiplication or division, as needed.

1. A rabbit wants to cross a road that is 16 feet wide in order to get to a field. On his first jump, he jumps halfway across, eight feet. But now he is tired, and with each jump he can cover only half the distance left between him and the edge of the road. How many jumps does it take for him to get to the field on the other side of the road?

Your answer: _____

2. A gardener has problems with snails eating her lettuce. She knows that five ducks can eat five snails in five minutes. How many ducks does she need to eat 100 snails in 100 minutes?

Your answer: _____

3. How much is 1 times 2 times 3 times 4 times 5 times 6 times 7 times 8 times 9 times 0?

Your answer: _____

4. An emperor wanted to reward a servant for his work and he asked the servant what he would like. "Just some rice," said the servant. Now, this servant enjoyed playing checkers. He suggested that the emperor place two grains of rice on the first square of the checkerboard, two times two grains (4 grains) on the second square, four times four (16 grains) on the third square, and so on, each time multiplying the product of grains on the previous square by itself. "Of course!" the emperor agreed, but after a few minutes, he regretted his decision. Why?



Double Letters Make History

Answer each historical clue with a word that contains double letters. The first one has been done for you.

1. The American flag was designed by Betsy Ross.
2. The United States president from 1993–2001 was named _____ Clinton.
3. The U.S. National Anthem is called “The Star Spangled _____.”
4. The first 10 amendments to the U.S. Constitution are the _____ of Rights
5. The wife of Gerald Ford (the U.S. president from 1974–1977) was named _____.
6. _____ Oakley was a legendary rodeo star and markswoman (shooter).
7. A social reformist who provided aid to the poor was named Jane _____.
8. The oldest federal cultural institution is called the Library of _____.
9. This large tribe of Native Americans is called the _____.
10. Two U.S. presidents who weren’t father and son but shared the same last name were the _____.
11. The _____ Dam is a massive dam built during the 1930s and located in Arizona and Nevada.
12. The period in American history when jobs were scarce and people went hungry is called The Great _____.
13. One woman who dedicated her life to freeing slaves was _____ Tubman.
14. John F. Kennedy, 35th president of the United States, was born in the state of _____.




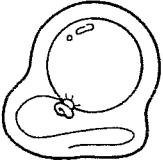
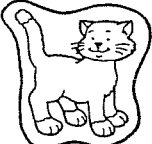
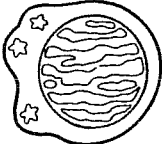

Sticker Trading

Lyndsay, Juliana, Jon, Steve, and Morgan collect and trade stickers. When they began trading this morning, each student had five stickers of the same pattern. Each student's stickers were different from everyone else's stickers. Any student who received a sticker in trade got to keep that sticker. All students end up with five stickers each.

That morning . . .

- Jon began with five dog stickers and traded stickers with Steve, Lyndsay, and Juliana.
- Morgan began with five balloon stickers. She traded one balloon sticker with each other girl, and one with Steve.
- Lyndsay had five cat stickers. She traded one with Jon and one with Morgan.
- Steve traded one of his planet stickers for a sticker in the shape of an owl.

What combination of stickers does each person have at the end of the day? Use the space below to chart the sticker trading and record your answer.

					
Lyndsay					
Juliana					
Jon					
Steve					
Morgan					