

TABLE OF CONTENTS

Teacher's Manual

Introduction	1
Instructions for Using Venn Diagrams	15-16
Answers	2-36

Puzzle Worksheets – provided separately

Placement Puzzles

1	Neighborhood Friends
2	A Butterfly Garden
3	Christmas Cards
4	Super Snowmen
5	Paint by Number
6	Fascinating Fish
7	Christmas Shopping
8	A Day with the Dentist
9	Reading on a Rainy Day
10	A Friendly Race
11	Sledding
12	Book Club
13	Game Day
14	Beanbag Blobs
15	Lockers
16	Apartment 100
17	Let's Fly a Kite!
18	Decorating the Tree
19	Hat Day
20	A Birthday Party

Logic Puzzles Using Venn Diagrams

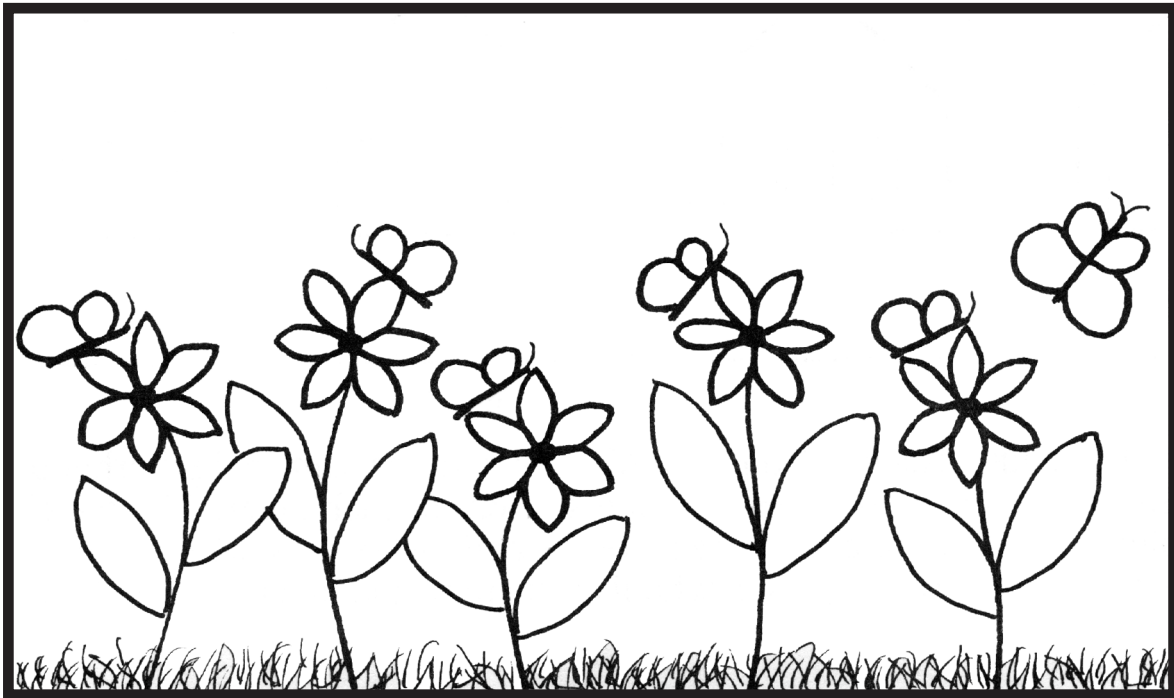
21	A Book Signing
22	Volunteers
23	Sports
24	A Reading Contest
25	Book Fair
26	Fall Festival Fun
27	Fall Colors
28	Thanksgiving Dinner
29	Giving
30	Holiday Activities
31	Making Ornaments
32	Holiday Art
33	Snow Day!!!
34	A Fun Fundraiser
35	Presidential Inauguration
36	Valentine's Day Gifts
37	The County Fair
38	Spring Break
39	Earth Day
40	A Day in the Park



A BUTTERFLY GARDEN

The wildflower garden was beautiful! The flowers were bright colors, which attracted many butterflies. Although the garden was quite large, the picture below only shows five flowers and six butterflies. Each flower is a different color: red, orange, yellow, purple, and white. The butterflies were all a variety of colors, but each butterfly had one main color: red, orange, yellow, blue, or purple. (There were two yellow butterflies.) Use the clues to color the picture.

- One yellow butterfly was between an orange butterfly and a purple butterfly. The other yellow butterfly was between a red butterfly and a blue butterfly.
- The yellow flower was between the red and white flowers.
- No butterfly was on a flower of the same color.
- The orange butterfly was not on a flower.
- The blue butterfly was not on a purple flower.
- The purple butterfly and the blue butterfly were not next to each other.
- The purple butterfly was on a flower that was its complementary color.

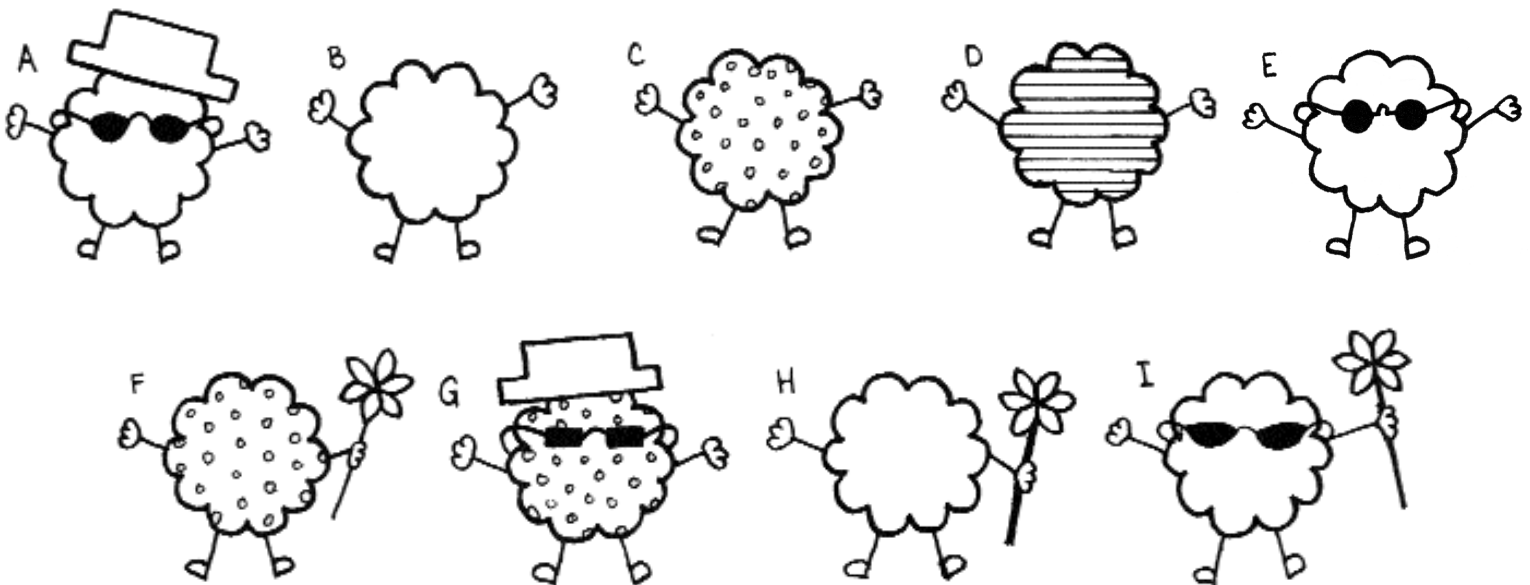
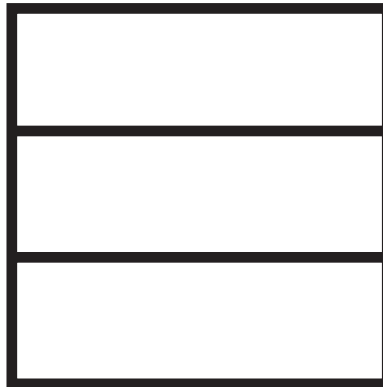


BEANBAG BLOBS

Beanbag Blobs were the newest craze. They were definitely blobs; they did not have eyes, a nose, or a mouth! They were made of different fabrics, and some were wearing hats or sunglasses. There were only nine left in the store! They were displayed on three shelves, with three Beanbag Blobs on each shelf. Use the clues to determine how they were displayed.

- The Beanbag Blobs on the right all had on glasses.
- The Beanbag Blobs with hats had to sit on the top shelf; there wasn't room otherwise!
- The Beanbag Blobs on the left all had polka-dots.
- The Beanbag Blobs holding flowers were not on the bottom shelf.
- The striped Beanbag Blob was above a solid Beanbag Blob.
- The three holding flowers were not all on the same shelf.

Beanbag Blobs for Sale

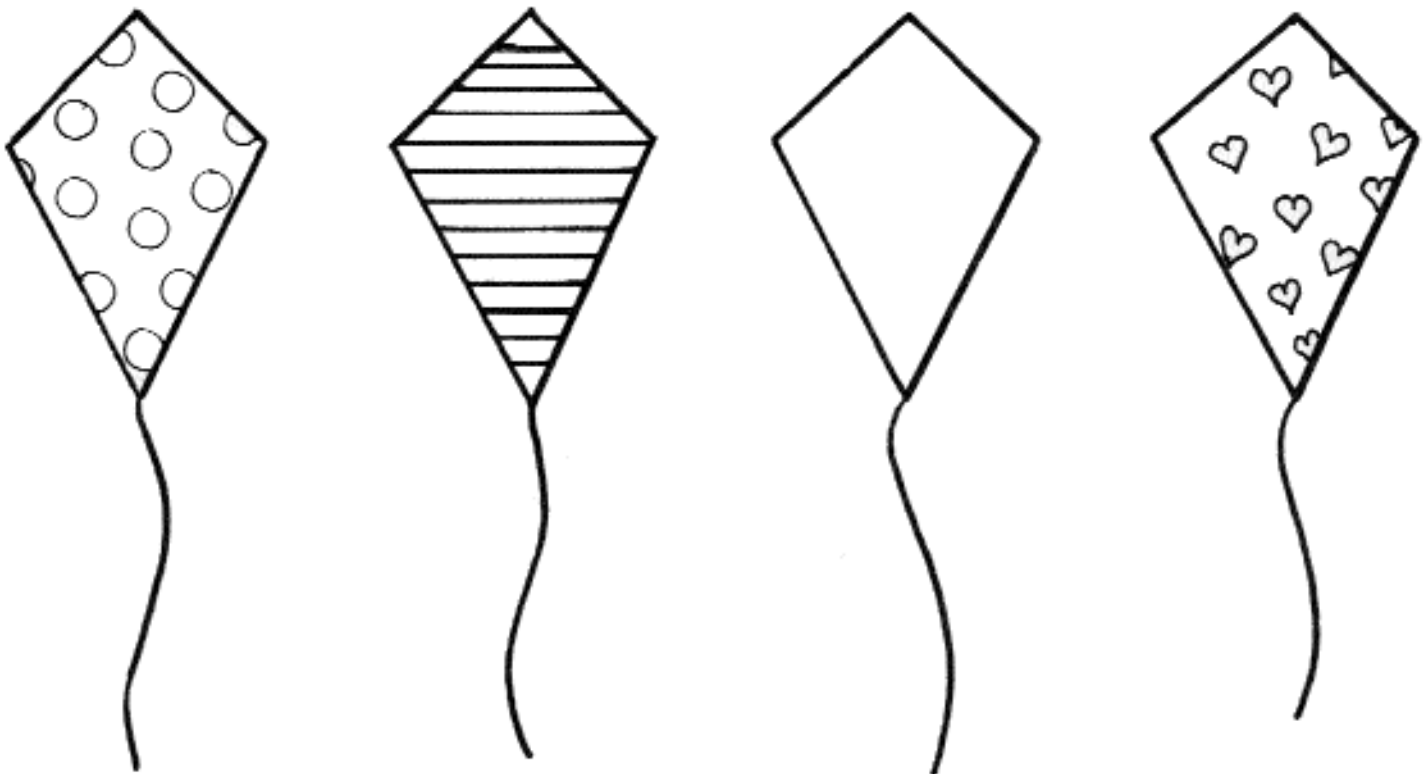


LET'S FLY A KITE!

The top of Stone Mountain is a great place to fly a kite! One beautiful afternoon, four children were flying their kites. The four kites were very colorful! Together, the kites contained red, orange, yellow, green, purple, blue, brown, and black. None of the kites had the same color as another kite.

Use the clues to correctly color the four kites.

- The kite without a pattern was the only kite that was a solid color.
- The only kite that had three colors was striped.
- Orange and yellow were on the same kite.
- The hearts were red.
- Green and blue were not together.
- Brown and orange were on the same kite.
- Red was with black.
- The polka dots were not green or blue.
- Purple and green were on the same kite.



BOOK FAIR

The Book Fair is here, and many wonderful books are available! Several genres are represented, including fantasy, non-fiction, and historical fiction. One class was surveyed to determine the most popular genre for that class. From the clues, determine how many people were in the class and which genre was most popular.

- Everyone in the class bought at least one book.
- Fourteen people bought only one book.
- Only three people bought all three genres.
- Seven people bought fantasy books but not non-fiction or historical fiction.
- Four people bought fantasy and non-fiction but not historical fiction.
- Fourteen people did not buy historical fiction.
- Thirteen people did not buy non-fiction.
- Eight people did not buy fantasy books.

How many people were in the class? _____

What was the most popular genre? _____

THANKSGIVING DINNER

At a large Thanksgiving buffet, three meats were available: turkey, ham, and chicken. From the clues, determine how many people ate from the buffet.

- One hundred forty-seven people did not eat chicken.
- One hundred ten people did not eat ham.
- Sixty-seven people did not eat turkey.
- Ninety-eight people ate more than one meat.
- Forty people ate turkey and ham but not chicken.
- Seventy-two people ate only turkey.
- Twenty-three people ate turkey and chicken but not ham.
- Ten people who ordered the buffet were vegetarians; they were the only people who did not eat meat.

How many people ordered the buffet? _____