

Logic Puzzle 1 • Hard

Name _____

Pets and Hobbies

Five friends each own a different pet and enjoy a different hobby. Use the clues to find out who goes with what.

1. Emma enjoys either fishing or painting.
2. The person who owns the cat does not enjoy gardening.
3. Ben owns either the cat or the rabbit.
4. David owns either the rabbit or the goldfish.
5. David enjoys either painting or chess.
6. The person who owns the rabbit enjoys either knitting or fishing.
7. Alice enjoys either knitting or chess.
8. Emma does not own the rabbit.
9. The person who owns the cat does not enjoy fishing.
10. The person who owns the dog enjoys either knitting or chess.

		Pet					Hobby				
		Cat	Dog	Parrot	Rabbit	Goldfish	Knitting	Fishing	Painting	Gardening	Chess
Name	Alice										
	Ben										
	Clara										
	David										
	Emma										
Hobby	Knitting										
	Fishing										
	Painting										
	Gardening										
	Chess										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 2 • Hard

Name _____

The Pie Contest

Five neighbors each baked a different pie for the county fair, and each won a different ribbon. Use the clues to find out who goes with what.

1. Lucy did not win the yellow ribbon.
2. The person who baked the pumpkin pie won either the yellow ribbon or the green ribbon.
3. Irene baked either the apple pie or the lemon pie.
4. Irene won either the white ribbon or the yellow ribbon.
5. Lucy baked either the cherry pie or the pumpkin pie.
6. Lucy did not win the red ribbon.
7. The person who baked the pecan pie did not win the yellow ribbon.
8. Grace won either the yellow ribbon or the green ribbon.
9. Jack baked either the pumpkin pie or the lemon pie.
10. Henry baked either the cherry pie or the lemon pie.

		Pie					Ribbon				
		Apple	Cherry	Pecan	Pumpkin	Lemon	Blue	Red	White	Yellow	Green
Name	Grace										
	Henry										
	Irene										
	Jack										
	Lucy										
Ribbon	Blue										
	Red										
	White										
	Yellow										
	Green										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 3 • Hard

Name _____

The Book Club

Five members of a book club are each reading a different book and each brought a different snack. Use the clues to find out who goes with what.

1. The person who is reading the romance did not bring the cheese.
2. The person who is reading the poetry book did not bring the cookies.
3. Martha is reading either the mystery or the history book.
4. Frank did not bring the brownies.
5. The person who is reading the history book brought either the muffins or the fruit.
6. The person who is reading the romance did not bring the cookies.
7. Oscar did not bring the cheese.
8. Nancy is reading either the mystery or the cookbook.
9. The person who is reading the mystery brought either the muffins or the brownies.
10. Frank is reading the mystery.

		Book					Snack				
		Mystery	Romance	History	Poetry	Cookbook	Cookies	Muffins	Fruit	Cheese	Brownies
Name	Martha										
	Frank										
	Nancy										
	Oscar										
	Paula										
Snack	Cookies										
	Muffins										
	Fruit										
	Cheese										
	Brownies										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 4 • Hard

Name _____

Summer Trips

Five friends are each going to a different place this summer, each traveling a different way. Use the clues to find out who goes with what.

1. Walter is going to either Florida or Maine.
2. The person who is going to Maine is traveling by either train or bus.
3. Sam is traveling by either bus or ship.
4. Vera is not traveling by plane.
5. Vera is going to either Maine or Hawaii.
6. Sam is going to either Maine or Alaska.
7. The person who is going to Arizona is not traveling by bus.
8. The person who is going to Hawaii is traveling by plane.
9. Tina is traveling by either train or bus.

		Place					Travel				
		Florida	Maine	Arizona	Hawaii	Alaska	Car	Train	Plane	Bus	Ship
Name	Ruth										
	Sam										
	Tina										
	Walter										
	Vera										
Travel	Car										
	Train										
	Plane										
	Bus										
	Ship										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 5 • Hard

Name _____

The Garden Club

Five gardeners each grow a different flower and each water their garden on a different day. Use the clues to find out who goes with what.

1. Dorothy grows either roses or lilies.
2. Helen waters on either Tuesday or Wednesday.
3. The person who grows daisies waters on either Tuesday or Wednesday.
4. Betty does not water on Friday.
5. Arthur grows either lilies or sunflowers.
6. The person who grows roses waters on either Monday or Tuesday.
7. George does not grow tulips.
8. Arthur waters on Wednesday.
9. Dorothy does not water on Monday.

		Flower					Day				
		Roses	Tulips	Daisies	Lilies	Sunflowers	Mon	Tue	Wed	Thu	Fri
Name	Helen										
	Arthur										
	Betty										
	George										
	Dorothy										
Day	Mon										
	Tue										
	Wed										
	Thu										
	Fri										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 6 • Hard

Name _____

Bingo Night

Five friends at bingo night each sit at a different table and each have a different drink. Use the clues to find out who goes with what.

1. The person who sits at table 2 is drinking either lemonade or cocoa.
2. Harold sits at either table 3 or table 4.
3. Harold is not drinking coffee.
4. Louis sits at table 3.
5. The person who sits at table 4 is not drinking lemonade.
6. Louis is drinking either tea or lemonade.
7. Mabel sits at either table 1 or table 3.
8. The person who sits at table 3 is not drinking lemonade.
9. Edna is drinking either cocoa or milk.
10. Harold is not drinking milk.

		Table					Drink				
		Table 1	Table 2	Table 3	Table 4	Table 5	Coffee	Tea	Lemonade	Cocoa	Milk
Name	Edna										
	Harold										
	Joan										
	Louis										
	Mabel										
Drink	Coffee										
	Tea										
	Lemonade										
	Cocoa										
	Milk										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 7 • Hard

Name _____

Pets and Hobbies

Five friends each own a different pet and enjoy a different hobby. Use the clues to find out who goes with what.

1. The person who owns the rabbit enjoys either fishing or chess.
2. Emma owns either the parrot or the rabbit.
3. Ben does not enjoy knitting.
4. Alice does not enjoy knitting.
5. Ben does not enjoy chess.
6. Alice owns either the dog or the parrot.
7. Clara enjoys either fishing or painting.
8. David enjoys either painting or gardening.
9. Ben does not own the cat.
10. David does not own the cat.

		Pet					Hobby				
		Cat	Dog	Parrot	Rabbit	Goldfish	Knitting	Fishing	Painting	Gardening	Chess
Name	Alice										
	Ben										
	Clara										
	David										
	Emma										
Hobby	Knitting										
	Fishing										
	Painting										
	Gardening										
	Chess										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

Logic Puzzle 8 • Hard

Name _____

The Pie Contest

Five neighbors each baked a different pie for the county fair, and each won a different ribbon. Use the clues to find out who goes with what.

1. The person who baked the cherry pie won either the white ribbon or the green ribbon.
2. Lucy did not win the red ribbon.
3. Grace won the blue ribbon.
4. Henry baked either the apple pie or the cherry pie.
5. Henry did not win the white ribbon.
6. The person who baked the lemon pie won either the blue ribbon or the yellow ribbon.
7. Irene won either the blue ribbon or the green ribbon.
8. The person who baked the pumpkin pie won either the blue ribbon or the red ribbon.
9. Lucy did not win the white ribbon.
10. Jack did not bake the pecan pie.

		Pie					Ribbon				
		Apple	Cherry	Pecan	Pumpkin	Lemon	Blue	Red	White	Yellow	Green
Name	Grace										
	Henry										
	Irene										
	Jack										
	Lucy										
Ribbon	Blue										
	Red										
	White										
	Yellow										
	Green										

How to solve: put an X in a square when a clue rules a match out, and a dot when you know it is a match. Each row and each column of a block has exactly one dot.

1. Pets and Hobbies

Name	Pet	Hobby
Alice	Dog	Knitting
Ben	Rabbit	Fishing
Clara	Parrot	Gardening
David	Goldfish	Chess
Emma	Cat	Painting

2. The Pie Contest

Name	Pie	Ribbon
Grace	Pecan	Green
Henry	Lemon	Red
Irene	Apple	White
Jack	Pumpkin	Yellow
Lucy	Cherry	Blue

3. The Book Club

Name	Book	Snack
Martha	History	Fruit
Frank	Mystery	Muffins
Nancy	Cookbook	Cookies
Oscar	Romance	Brownies
Paula	Poetry	Cheese

4. Summer Trips

Name	Place	Travel
Ruth	Hawaii	Plane
Sam	Alaska	Ship
Tina	Arizona	Train
Walter	Florida	Car
Vera	Maine	Bus

5. The Garden Club

Name	Flower	Day
Helen	Daisies	Tue
Arthur	Sunflowers	Wed
Betty	Tulips	Thu
George	Roses	Mon
Dorothy	Lilies	Fri

6. Bingo Night

Name	Table	Drink
Edna	Table 5	Milk
Harold	Table 4	Cocoa
Joan	Table 2	Lemonade
Louis	Table 3	Tea
Mabel	Table 1	Coffee

7. Pets and Hobbies

Name	Pet	Hobby
Alice	Dog	Chess
Ben	Rabbit	Fishing
Clara	Cat	Painting
David	Goldfish	Gardening
Emma	Parrot	Knitting

8. The Pie Contest

Name	Pie	Ribbon
Grace	Pumpkin	Blue
Henry	Apple	Red
Irene	Pecan	Green
Jack	Cherry	White
Lucy	Lemon	Yellow