

# Cats in Hats

## THE STORY

Four cats named Bob, Barb, Billy and Beulah wore four different colored hats. Their hats were purple, rose, pink and green. Each of the cats was a different type. One was an alley cat, one was a Siamese, one was a Persian and another was a Manx. Based on the clues, match the cats with their hat colors and their cat types.

## THE CLUES

1. Bob and Barb did not wear either purple or pink hats.
2. The Siamese cat wore a green hat, and the alley cat wore a purple hat.
3. The Persian cat wore a rose-colored hat.
4. Bob was not Persian, and Billy's hat was not purple.

Bob	Barb	Billy	Beulah
purple	purple	purple	purple
rose	rose	rose	rose
pink	pink	pink	pink
green	green	green	green
alley	alley	alley	alley
Siamese	Siamese	Siamese	Siamese
Persian	Persian	Persian	Persian
Manx	Manx	Manx	Manx

# Dog Shopping

## THE STORY

Four dogs named Jumper, Mopey, Toto and Max needed to do some shopping. The dogs were a boxer, a beagle, a poodle and a terrier. They each purchased one item; they purchased dog biscuits, flea powder, a chew toy and steak-flavored soda pop. They each spent a different amount of money. They spent 50 cents, 1 dollar, 2 dollars and 3 dollars. Based on the clues, match the dogs with their breeds, their purchases and the amount of money they spent.

## THE CLUES

1. The poodle and the beagle spent the most.
2. Mopey spent six times as much as Jumper.
3. The terrier bought dog biscuits on sale for 1 dollar.
4. Toto bought Steak Cola to drink and spent less than Mopey, but more than Max.
5. Mopey was not a beagle.
6. The most expensive item was the flea powder.

Jumper	Mopey	Toto	Max
boxer	boxer	boxer	boxer
beagle	beagle	beagle	beagle
poodle	poodle	poodle	poodle
terrier	terrier	terrier	terrier
dog biscuits	dog biscuits	dog biscuits	dog biscuits
flea powder	flea powder	flea powder	flea powder
chew toy	chew toy	chew toy	chew toy
soda pop	soda pop	soda pop	soda pop
50 cents	50 cents	50 cents	50 cents
1 dollar	1 dollar	1 dollar	1 dollar
2 dollars	2 dollars	2 dollars	2 dollars
3 dollars	3 dollars	3 dollars	3 dollars

# Hiking Trip

## THE STORY

Five children named Elvis, Eva, Eliot, Eli and Eddie decided to go hiking in the mountains. They wore shorts that were red, blue, gray, pink and white. Their shirts were also red, blue, gray, pink and white, but no one wore the same color shorts and shirts. For snacks they brought candy, jerky, chips, nuts and bread. Based on the clues, match the children with the color combinations of their shorts and shirts and the snacks they brought on the hike.

## THE CLUES

1. No child wore the same color for both shorts and shirt. Everybody wore a different color combination.
2. Elvis, Eliot and Eddie did not wear red shorts.
3. The candy eater wore white shorts.
4. Eli wore a gray shirt and did not wear red or pink shorts.
5. Elvis, Eli and Eddie did not eat candy.
6. Eddie ate nuts and did not wear gray shorts or a red shirt.
7. The blue shirt wearer ate chips on the hike.
8. Elvis brought bread as his snack and did not wear a red shirt.

Elvis	Eva	Eliot	Eli	Eddie
red shorts blue shorts gray shorts pink shorts white shorts	red shorts blue shorts gray shorts pink shorts white shorts	red shorts blue shorts gray shorts pink shorts white shorts	red shorts blue shorts gray shorts pink shorts white shorts	red shorts blue shorts gray shorts pink shorts white shorts
red shirt blue shirt gray shirt pink shirt white shirt	red shirt blue shirt gray shirt pink shirt white shirt	red shirt blue shirt gray shirt pink shirt white shirt	red shirt blue shirt gray shirt pink shirt white shirt	red shirt blue shirt gray shirt pink shirt white shirt
candy jerky chips nuts bread	candy jerky chips nuts bread	candy jerky chips nuts bread	candy jerky chips nuts bread	candy jerky chips nuts bread

# Hamburgers Your Way

## THE STORY

Pat, Pete, Hiram, Horace and Harriet, whose last names were Doe, Dole, Dolan, Dobson and Doherty went to a sandwich shop. They all ordered hamburgers but wanted them cooked differently. They wanted them raw, rare, medium rare, medium well and burnt. They all wanted a different topping; they wanted mustard, ketchup, pickles, onions and tomatoes. They also all ordered a different type of cheese; they ordered Swiss, cheddar, American, bleu and Limburger. Based on the clues, match first and last names with how they wanted their burgers cooked, and what kind of topping and cheese they wanted.

## THE CLUES

1. The number of letters in the first and last names is never the same.
2. Dolan liked burnt burgers with Swiss cheese.
3. Dobson liked onions and Limburger cheese on his hamburger.
4. The person who liked bleu cheese wanted his burger cooked medium well.
5. Hiram had more letters in his last name than Pat or Pete, but not more than Horace.
6. Neither Pat nor Pete were Dolan.
7. Doherty liked raw hamburgers with tomatoes.
8. Dole ate medium rare burgers with pickles and cheddar cheese.
9. Doe never ate mustard.

Pat	Pete	Hiram	Horace	Harriet
Doe Dole Dolan Dobson Doherty	Doe Dole Dolan Dobson Doherty	Doe Dole Dolan Dobson Doherty	Doe Dole Dolan Dobson Doherty	Doe Dole Dolan Dobson Doherty
raw rare medium rare medium well burnt	raw rare medium rare medium well burnt	raw rare medium rare medium well burnt	raw rare medium rare medium well burnt	raw rare medium rare medium well burnt
mustard ketchup pickles onions tomatoes	mustard ketchup pickles onions tomatoes	mustard ketchup pickles onions tomatoes	mustard ketchup pickles onions tomatoes	mustard ketchup pickles onions tomatoes
Swiss cheddar American bleu Limburger	Swiss cheddar American bleu Limburger	Swiss cheddar American bleu Limburger	Swiss cheddar American bleu Limburger	Swiss cheddar American bleu Limburger

# The Collectors

## THE STORY

Five people named Charles, Carly, Carol, Cathy and Calvin, whose last names were Gatherton, Findley, Collectden, Obtainingly and Acquireton had five different jobs. They were a teacher, a lawyer, a jockey, a bus driver and a plumber. They all loved to collect things but, of course, they collected different things. They collected bottle caps, glassware, antique toys, stamps and coins. They lived in Boston, Chicago, New York, San Diego and Miami. Based on the clues, match first names with last names, their jobs, their collections and the cities where they lived.

## THE CLUES

1. Charles thought the teacher, whose name was Acquireton, had a boring bottle cap collection.
2. Carly thought the bus driver, whose name was Gatherton, had a dull stamp collection.
3. Carol thought the plumber, whose name was Obtainingly, had an impressive glassware collection.
4. Cathy thought the jockey, whose name was Findley, had a fascinating collection of antique toys.
5. Carol and Cathy lived in New York and San Diego, but maybe not in that order.
6. Obtainingly lived in Boston, and Acquireton lived in Chicago.
7. Collectden was a New York lawyer who collected coins.
8. The jockey lived in Miami.
9. Carol did not collect coins.
10. Carly was not a teacher, and she did not live in Boston.

Charles	Carly	Carol	Cathy	Calvin
Gatherton Findley Collectden Obtainingly Acquireton	Gatherton Findley Collectden Obtainingly Acquireton	Gatherton Findley Collectden Obtainingly Acquireton	Gatherton Findley Collectden Obtainingly Acquireton	Gatherton Findley Collectden Obtainingly Acquireton
teacher lawyer jockey bus driver plumber	teacher lawyer jockey bus driver plumber	teacher lawyer jockey bus driver plumber	teacher lawyer jockey bus driver plumber	teacher lawyer jockey bus driver plumber
bottle caps glassware antique toys stamps coins	bottle caps glassware antique toys stamps coins	bottle caps glassware antique toys stamps coins	bottle caps glassware antique toys stamps coins	bottle caps glassware antique toys stamps coins
Boston Chicago New York San Diego Miami	Boston Chicago New York San Diego Miami	Boston Chicago New York San Diego Miami	Boston Chicago New York San Diego Miami	Boston Chicago New York San Diego Miami

# Science Experiment

## THE STORY

As his exhibit for the annual school science fair, Ferdy Fernley planted five tomato plants in a row. He labeled them one through five. Ferdy wanted to test the effectiveness of various fertilizers on tomato plant growth. He decided to use a different fertilizer for each plant and record the final plant height, the number of tomatoes each plant yielded, and the total weight of the yield to determine fertilizer effectiveness. The fertilizers used were bat guano, manure, dead carp, ground-up soup bones and compost. The final height for the plants were 1 foot, 2 feet, 4 feet, 5 feet and 7 feet. Each plant yielded 4, 6, 9, 12 and 21 tomatoes. Each plant produced a weight of 3, 9, 10, 14 and 19 pounds. Based on the clues, match each plant number with the fertilizer, the plant height, the number of tomatoes produced, and the total weight of each plant's yield.

## THE CLUES

1. Plant three was not fertilized with manure, and it produced a heavier yield than plant two but that was a lighter yield than the manure-fertilized plant.
2. Plant four grew taller than plant three, but plant two grew taller than plant four.
3. Plants three, four and five were not fertilized with either bat guano or soup bones.
4. The tallest and shortest plants did not produce either the most tomatoes or the heaviest yields.
5. The plant fertilized with the dead carp produced half as many tomatoes as plant one, but it did produce the heaviest yield.
6. Bat guano fertilized the tallest plant but that plant produced the fewest tomatoes, and soup bones fertilized the plant that produced the lightest yield.
7. Plant one was taller than plant three by one foot, but it only grew half as tall as plant five.
8. Plant five did not produce the heaviest yield.

Plant One	Plant Two	Plant Three	Plant Four	Plant Five
bat guano manure dead carp soup bones compost	bat guano manure dead carp soup bones compost	bat guano manure dead carp soup bones compost	bat guano manure dead carp soup bones compost	bat guano manure dead carp soup bones compost
1 foot 2 feet 4 feet 5 feet 7 feet	1 foot 2 feet 4 feet 5 feet 7 feet	1 foot 2 feet 4 feet 5 feet 7 feet	1 foot 2 feet 4 feet 5 feet 7 feet	1 foot 2 feet 4 feet 5 feet 7 feet
4 tomatoes 6 tomatoes 9 tomatoes 12 tomatoes 21 tomatoes	4 tomatoes 6 tomatoes 9 tomatoes 12 tomatoes 21 tomatoes	4 tomatoes 6 tomatoes 9 tomatoes 12 tomatoes 21 tomatoes	4 tomatoes 6 tomatoes 9 tomatoes 12 tomatoes 21 tomatoes	4 tomatoes 6 tomatoes 9 tomatoes 12 tomatoes 21 tomatoes
3 pounds 9 pounds 10 pounds 14 pounds 19 pounds	3 pounds 9 pounds 10 pounds 14 pounds 19 pounds	3 pounds 9 pounds 10 pounds 14 pounds 19 pounds	3 pounds 9 pounds 10 pounds 14 pounds 19 pounds	3 pounds 9 pounds 10 pounds 14 pounds 19 pounds