

1. Bob's pet can't fly.
2. Cal's pet has hair and so does Deb's.
3. Deb's pet doesn't bark.

|     | Bird | Cat | Dog | Fish |
|-----|------|-----|-----|------|
| Amy |      |     |     |      |
| Bob |      |     |     |      |
| Cal |      |     |     |      |
| Deb |      |     |     |      |

# Logic Problem

Use the table to help you solve the logic problem. Each square represents a possible answer. Follow the rows and columns to find the correct combination. Draw a dot in a square for the answer where the vertical and horizontal squares meet. Draw an "x" in a square that isn't the answer.

|        | Game | Doll | Kite | Basketball | Blue | Green | Red | Orange |
|--------|------|------|------|------------|------|-------|-----|--------|
| Hannah |      |      |      |            |      |       |     |        |
| Jack   |      |      |      |            |      |       |     |        |
| Cassie |      |      |      |            |      |       |     |        |
| Paul   |      |      |      |            |      |       |     |        |
| Blue   |      |      |      |            |      |       |     |        |
| Green  |      |      |      |            |      |       |     |        |
| Red    |      |      |      |            |      |       |     |        |
| Orange |      |      |      |            |      |       |     |        |

Hannah, Jack, Cassie and Paul attend a birthday party. They each bring a gift: a kite, doll, game, and basketball. After the party, each child goes home with a different color balloon: red, blue, green, and orange. Using the clues given, figure out which child brought what gift, and what color balloon they went home with.

1. Hannah did not bring the doll as a gift but she did go home with a blue balloon.
2. Jack brought the basketball for a gift but did not go home with a red or green balloon.
3. The child who brought the kite for a gift went home with a red balloon.
4. Cassie brought the doll as a gift.

# Logic Puzzle

There are four children, Amanda, Bill, Cathy, and Dorothy that are in first, second, third, or fourth grade. Each child has a different favorite color: blue, red, pink or green. Use the clues below to figure out what grade each child is in and what their favorite color is.

|         | 1st | 2nd | 3rd | 4th | Blue | Red | Pink | Green |
|---------|-----|-----|-----|-----|------|-----|------|-------|
| Amanda  |     |     |     |     |      |     |      |       |
| Bill    |     |     |     |     |      |     |      |       |
| Cathy   |     |     |     |     |      |     |      |       |
| Dorothy |     |     |     |     |      |     |      |       |
| Blue    |     |     |     |     |      |     |      |       |
| Red     |     |     |     |     |      |     |      |       |
| Pink    |     |     |     |     |      |     |      |       |
| Green   |     |     |     |     |      |     |      |       |

## CLUES:

1. The 4th grader is a boy who does not like pink.
2. Dorothy is the youngest and likes blue.
3. Cathy is one grade ahead of Amanda.
4. The 2nd grader likes red.



## EXAMPLE

|              |  | Colton | Ella | Kyla | Owen | basketry | camping | horsemanship | swimming | 100m hurdle | 400m relay | pole vault | shotput |
|--------------|--|--------|------|------|------|----------|---------|--------------|----------|-------------|------------|------------|---------|
| \$360        |  |        |      |      |      |          |         |              |          |             |            |            |         |
| \$870        |  |        |      |      |      |          |         |              |          |             |            |            |         |
| \$1330       |  |        |      |      |      |          |         |              |          |             |            |            |         |
| \$1380       |  |        |      |      |      |          |         |              |          |             |            |            |         |
| 100m hurdle  |  |        |      |      |      |          |         |              |          |             |            |            |         |
| 400m relay   |  |        |      |      |      |          |         |              |          |             |            |            |         |
| pole vault   |  |        |      |      |      |          |         |              |          |             |            |            |         |
| shotput      |  |        |      |      |      |          |         |              |          |             |            |            |         |
| basketry     |  |        |      |      |      |          |         |              |          |             |            |            |         |
| camping      |  |        |      |      |      |          |         |              |          |             |            |            |         |
| horsemanship |  |        |      |      |      |          |         |              |          |             |            |            |         |
| swimming     |  |        |      |      |      |          |         |              |          |             |            |            |         |

1. Either the athlete who won the 100m hurdle competition or the athlete who won the 400m relay competition awarded the basketry merit badge. *🔪*
2. The athlete who won the 400m relay competition is not Ella and didn't award the camping merit badge. *🔪*
3. Colton didn't award the swimming or camping merit badge. *🔪*
4. The athlete who won the 400m relay competition didn't award the basketry merit badge. *🔪*
5. Colton received a larger reward than the scoutmaster who awarded the horsemanship merit badge. *🔪*
6. Kyla received a larger reward than the scoutmaster who awarded the basketry merit badge. *🔪*
7. Of Colton and Ella, one earned the \$870 reward and the other awarded the camping merit badge. *🔪*
8. The athlete who won the 400m relay competition is not Owen. *🔪*
9. The one who received the \$1330 reward came away with the gold in the shotput competition. *🔪*
10. The one who received the \$870 reward awarded the basketry merit badge. *🔪*
11. The athlete who won the 100m hurdle competition is not Kyla. *🔪*

Mary Smith put all five wedding gifts from each of her five pairs of aunts and uncles into one stack, and only later did she realize that she'd absent-mindedly put all five cards into a single pile on top of the stack and couldn't remember which aunt and uncle had sent which gift. Each pair of aunt (Amber, Emily, Janet, Maisie, and Patsy) and uncle (Bill, Doug, Nick, Tom, or Zack) live in a different state (including Iowa) and sent a different item (one is a vase). Can you match each aunt-and-uncle pair with their respective state and gift?

1. Aunt Maisie's husband is Uncle Nick.
2. Uncle Bill and Aunt Emily and their respective spouses sent, in some order, the salver and the urn.
3. Aunt Amber and Uncle Doug live in Georgia.
4. Aunt Patsy and her husband sent the toaster.
5. The rotisserie came from the Delaware relatives.
6. Uncle Zack and his wife (who don't live in Kansas) sent neither the salver nor the toaster.
7. Aunt Janet and Uncle Bill live in California.

|            |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
|------------|------|------|------|-----|------|------------|----------|---------|------|--------|------------|--------|---------|-----|------|
|            | Bill | Doug | Nick | Tom | Zack | California | Delaware | Georgia | Iowa | Kansas | Rotisserie | Salver | Toaster | Urn | Vase |
| Amber      |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Emily      |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Janet      |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Maisie     |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Patsy      |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Rotisserie |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Salver     |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Toaster    |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Urn        |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Vase       |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| California |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Delaware   |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Georgia    |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Iowa       |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |
| Kansas     |      |      |      |     |      |            |          |         |      |        |            |        |         |     |      |

| Aunt | Uncle | State | Gift |
|------|-------|-------|------|
|      |       |       |      |
|      |       |       |      |
|      |       |       |      |
|      |       |       |      |

|        |              | Wonder              | Career | Month |
|--------|--------------|---------------------|--------|-------|
|        |              | Chichen Itza        |        |       |
|        |              | Christ the Redeemer |        |       |
|        |              | Colosseum           |        |       |
|        |              | Taj Mahal           |        |       |
|        |              | doctor              |        | May   |
|        |              | lawyer              |        | April |
|        |              | musician            |        | June  |
|        |              | veterinarian        |        | July  |
| Name   | Connie       |                     |        |       |
|        | Gladys       |                     |        |       |
|        | Ruth         |                     |        |       |
|        | Sandra       |                     |        |       |
| Month  | May          |                     |        |       |
|        | April        |                     |        |       |
|        | June         |                     |        |       |
|        | July         |                     |        |       |
| Career | doctor       |                     |        |       |
|        | lawyer       |                     |        |       |
|        | musician     |                     |        |       |
|        | veterinarian |                     |        |       |

Clues

Answer

1. The woman who visited the Christ the Redeemer is either the woman who traveled in April or the doctor.
2. Sandra traveled sometime after the woman that traveled to Rio de Janeiro.
3. The doctor is either Sandra or the woman who traveled to see the Colosseum.
4. Gladys traveled one month after the musician.
5. Of Connie and the veterinarian, one visited the Christ the Redeemer and the other traveled in July.
6. Gladys is a veterinarian.
7. The musician traveled one month before the woman who traveled to Mexico.



|                 | First Names | Detectives      | Breakfast Cereals |
|-----------------|-------------|-----------------|-------------------|
|                 | Amari       | Nancy Drew      | Bran Flakes       |
|                 | Anna        | Nero Wolfe      | Fruit Loops       |
|                 | Brooklyn    | Sherlock Holmes | Honeycomb         |
|                 | Elizabeth   | Veronica Mars   | Shredded Wheat    |
| Monday          |             |                 |                   |
| Tuesday         |             |                 |                   |
| Wednesday       |             |                 |                   |
| Thursday        |             |                 |                   |
| Bran Flakes     |             |                 |                   |
| Fruit Loops     |             |                 |                   |
| Honeycomb       |             |                 |                   |
| Shredded Wheat  |             |                 |                   |
| Nancy Drew      |             |                 |                   |
| Nero Wolfe      |             |                 |                   |
| Sherlock Holmes |             |                 |                   |
| Veronica Mars   |             |                 |                   |

Days Off

Breakfast Cereals

Detectives

## Logic Puzzles

Presented by Puzzle Baron

Puzzle ID: O512PD

For hints, solutions and more puzzles, go to [www.Printable-Puzzles.com](http://www.Printable-Puzzles.com)!

| Days Off  | First Names | Detectives | Breakfast Cereals |
|-----------|-------------|------------|-------------------|
| Monday    |             |            |                   |
| Tuesday   |             |            |                   |
| Wednesday |             |            |                   |
| Thursday  |             |            |                   |

- The one who eats Bran Flakes is Elizabeth.
- The person whose favorite detective is Sherlock Holmes has a day off later in the week than the one who eats Fruit Loops.
- The one who eats Shredded Wheat is not Anna or Brooklyn.
- The one who eats Shredded Wheat has a day off later in the week than the one who eats Honeycomb.
- The one who eats Fruit Loops is not Brooklyn.
- The one who eats Honeycomb doesn't enjoy Veronica Mars mysteries.
- Either the one who eats Shredded Wheat or the one who eats Fruit Loops loves Nancy Drew mysteries.
- The one who eats Bran Flakes doesn't enjoy Nero Wolfe or Veronica Mars mysteries.
- Of Elizabeth and the one who eats Shredded Wheat, one has Wednesday off and the other has Thursday off.
- The one who has Wednesday off is not Amari.
- The one who has Monday off loves Veronica Mars mysteries.
- The one who has Tuesday off is not Elizabeth.

## Clues

1 One girl was studying Archaeology; the other was at Charterhouse College.

2 The King Alfred's student, who obtained a first, was not Gordon, the Classics student.

3 Lawrence's degree was of a higher class than that of the Maths student, who was not awarded the pass degree.

4 The third-class degree was attained in Economics.

5 The biochemist studied at Canterbury College.

6 Sally's degree was not as good as that obtained by the student from St Mark's.

|                     | Canterbury | Charterhouse | King Alfred's | Prince of Wales | St Mark's | Archaeology | Biochemistry | Classics | Economics | Mathematics | First | Upper second | Lower second | Third | Pass |
|---------------------|------------|--------------|---------------|-----------------|-----------|-------------|--------------|----------|-----------|-------------|-------|--------------|--------------|-------|------|
| <b>Bernice</b>      |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Gordon</b>       |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Henry</b>        |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Lawrence</b>     |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Sally</b>        |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>First</b>        |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Upper second</b> |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Lower second</b> |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Third</b>        |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Pass</b>         |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Archaeology</b>  |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Biochemistry</b> |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Classics</b>     |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Economics</b>    |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |
| <b>Mathematics</b>  |            |              |               |                 |           |             |              |          |           |             |       |              |              |       |      |

| Student | College | Subject | Class |
|---------|---------|---------|-------|
|         |         |         |       |
|         |         |         |       |
|         |         |         |       |
|         |         |         |       |



|            |             | shoppers |         |     |     |      | vegetables |           |        |       |         | fruits  |         |             |      |       |         |         |             |
|------------|-------------|----------|---------|-----|-----|------|------------|-----------|--------|-------|---------|---------|---------|-------------|------|-------|---------|---------|-------------|
|            |             | Bennie   | Kathryn | Leo | Ray | Tami | Vicky      | asparagus | celery | leeks | rhubarb | spinach | turnips | cranberries | figs | limes | oranges | peaches | raspberries |
| prices     | \$4.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | \$5.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | \$6.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | \$7.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | \$8.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | \$9.25      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
| fruits     | cranberries |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | figs        |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | limes       |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | oranges     |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | peaches     |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | raspberries |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
| vegetables | asparagus   |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | celery      |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | leeks       |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | rhubarb     |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | spinach     |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |
|            | turnips     |          |         |     |     |      |            |           |        |       |         |         |         |             |      |       |         |         |             |

Hint

Clear Errors

Start Over

Clues

Notes

Answers

## Active Clues

- Bennie's order didn't include oranges.
- Bennie's order cost 1 dollar less than the purchase that included spinach.
- Vicky's purchase didn't cost \$7.25.
- Of Tami's purchase and the purchase that included peaches, one cost \$9.25 and the other included celery.
- The order that included leeks cost 1 dollar more than Ray's order.
- Tami's purchase cost more than the purchase that included oranges.
- The purchase that included raspberries cost 2 dollars more than Ray's purchase.
- Of the \$5.25 purchase and the purchase that included asparagus, one included peaches and the other was Bennie's.
- Leo's purchase cost 2 dollars more than the order that included limes.
- Leo's purchase cost \$6.25.
- The order that included figs didn't include celery.
- The \$8.25 order is either the order that included spinach or Bennie's purchase.
- Kathryn's order didn't include turnips.

|                | Engel | Hydal | Magnus | McArthur | Scott | bass | drums | guitar | keyboard | sound | Ibanez | Mackie | Peavey | Roland | Yamaha | EQ | Home Recording | Mix | Musician | Recording |  |
|----------------|-------|-------|--------|----------|-------|------|-------|--------|----------|-------|--------|--------|--------|--------|--------|----|----------------|-----|----------|-----------|--|
| Angie          |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Mark           |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Robert         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Shelley        |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Steve          |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| EQ             |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Home Recording |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Mix            |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Musician       |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Recording      |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Ibanez         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Mackie         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Peavey         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Roland         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| Yamaha         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| bass           |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| drums          |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| guitar         |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| keyboard       |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |
| sound          |       |       |        |          |       |      |       |        |          |       |        |        |        |        |        |    |                |     |          |           |  |

1. Steve wasn't the sound engineer. One of the women enjoyed EQ magazine.
2. Angie and Steve didn't like Recording magazine. The bass player used Ibanez equipment.
3. Mr. Magnus didn't use Mackie equipment. Mark's last name wasn't Hydal and he didn't play keyboard.
4. The sound engineer, whose last name wasn't Engel, enjoyed reading Mix magazine. The person who used Yamaha drums wasn't Robert, but their last name is Hydal.
5. The five band members (in no particular order) were: Mark Scott, the female bass player, the person who read Musician, the one who used Peavey equipment, and Robert.
6. Shelley's last name was not Hydal or McArthur and she didn't use Roland equipment. Mackie only developed equipment for live sound and recording NOT musical instruments.
7. Steve McArthur was the guitarist.