

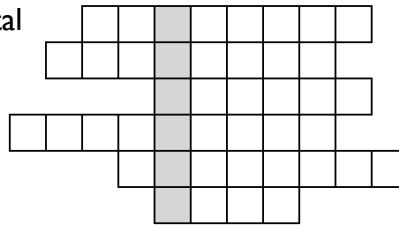
Thank you for applying to RIT!

Here are some puzzles contributed by departments from across the university.
If you can solve them and collect your answers in our final Admissions Office puzzle, we'd love to have you as a student!

1 Computer Science

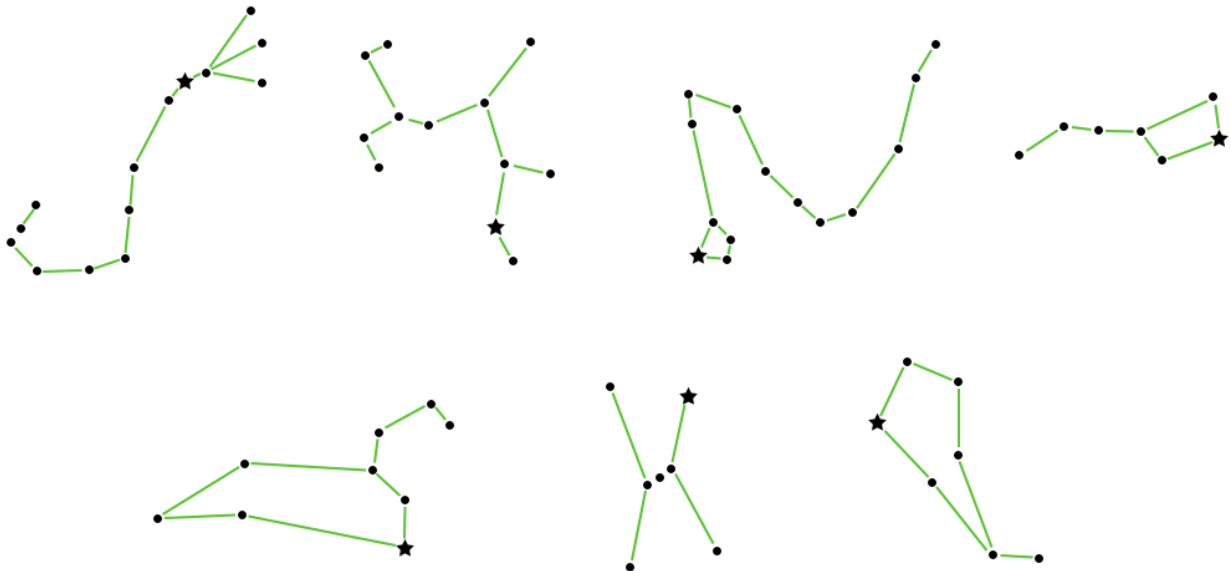
Our faculty tend to introduce themselves a little cryptically.

Kay, all around a European capital
Gentler, I am confused
Hefty with round head
This racer crashed
He's got it: oil from the East
Sincere gentleman at heart



2 Astronomy

What might Bayer think about this?



3 Information Technology

We have a Professor Bogaard, not a [Bongard](#), but that's close enough, isn't it?

To solve this puzzle, visit <http://www.cs.rit.edu/~zjb/hunt/bongard.html>

4 Biology

Here we like to play around with gene splicing, though you'll see that you can lose some important genetic matter in the assembly process, even when you finally end up with something tasty.

Head Genes	Tail Genes	Spliced Genes
California wine county	Bobby Flay or Mario Batali	Put together
Change just a little	Chuck Woolery GSN show	The well-read people
Diarist Anaïs	City at the mouth of the Douro	Eavesdrop on
Home of the White Cliffs	Coarse file or hoarse voice	<i>Pulmonaria</i> , colloquially
Hurled, threw	Comic strip Mary	Giant stone
It's after psi	Flexible, limber	Having low self-esteem
Lowest choir voice	H ₂ C=CH-CH ₂ -	Giving money for goods
Neither sunny nor rainy	Healer	Geronimo or Cochise, e.g
"Quaking" tree	"Not guilty", e.g.	Side of the head
Rtas 'Vadumee, e.g.	Obsolete telephone part	Shadows, astronomically
Thing in an inventory	Proportional relation	ROC or LAX
Uncaring	Symbolic design or badge	Pitifully
Unfeeling due to cold	Valentine's Day symbol	2nd most populous nation
Wash, _____, spin	Voiceless dog breed	Scrawny one

6 English

Our puzzle will test your knowledge of language, but you may also find yourself tested to follow directions...

You may find our puzzle at <http://www.cs.rit.edu/~zjb/hunt/english.pdf>

7 Athletics

We run a bunch of intramural leagues here - one league (9 teams, round-robin format) ended up full of teams from GCCIS. Unfortunately the final standings were lost and the only notes we have were taken by one of the team captains:

- Obviously I'm using "team" and "algorithm" interchangeably. The "complexity" of a team refers to the as-usually-reported big-O worst-case time complexity of the algorithm (or the best algorithm for the problem) that the team is named after.
- The Binary Searchers, being already sorted, brought out the worst in their first opponents, leading to victory.
- The Clique Finders and the Convex Hulls each defeated another team mentioned in their chapter of Cormen's Algorithms.
- The Closest Pairs, perhaps not surprisingly, were only able to beat two teams that are described in the same chapter of Algorithms as each other.
- The Karmarkars ended up losing to all other teams with worse-than-linear complexity (and not to any other team).
- Kruskal's Spanners lost to a team playing (aptly) perimeter defense as well as a team with quadratic complexity.
- The Quick Sorters partitioned their season into equal halves of wins and losses.
- The Simplex Methodists defeated the other team that solved the same problem.
- The Traveling Salesmen ran circles around the only sub-linear team in the league.
- Every team had at least one win, but one team finished the season without a loss.
- The three teams with exponential complexity each defeated one of the other two and lost to the other.
- There were three two-way ties in the final standings. Of the three, only the tie for fourth place was resolved in favor of the team that won the relevant head-to-head match. The Simplex Methodists avoided ending up in a tie when they beat the Binary Searchers in the last match of the season.
- If you take the first letter of the name of the team that finished in first place in the standings, the second letter of the team that finished second, and so on (ignoring spaces, punctuation and initial "The"s), it spells a nine-letter word!

8 Film & Animation

We only have one question to ask you:

What character has been played most often by the actor who played a character with a name that is a four-letter common plural noun in a movie that also starred a woman who starred as a character with a man's name in her next movie, which had a single-word name that was also the last word before a number in the title of a movie that starred the singer who five years earlier starred as a character whose first name is the same as that of an actress who recently co-starred in a movie with an actor using facial prosthetics who also used facial prosthetics in a TV series with the same name as a movie in which a character with a French name was voiced by an actor who appeared in over 200 episodes of a TV show as well as three of its spinoffs, one of which stars a woman whose parents both appeared in a movie with the same name as an episode that first aired 16 years ago next Monday of a TV show named after its star, whose last three names are Pentland Arnold Thomas?

9 Margaret's House

We keep our inventory encrypted for security purposes (and because we kind of stole it completely from another source)...

1. IPOZ IQQW

2. LZGLTN

3. ONVQ

4. V.T. AQN

5. EG. WQFZFQ INZR

6. EQBQWQOM

7. DNBBNG YFZG UZGY ZKFTQB XTVPNGY

8. MQ-MQ

9. YOTBDM

10. UTXONLZOO

OQQD TB GQQE KZBRM OZBR - YFGZULNGGM YIQGFKZDN KQOQGXQGEY

10 International Business

On January 30th (though they didn't post their results until February 4th), we sent out some Economists in eight countries for lunch in the market at a well-known fast food chain. We gave them each US\$20 (which they were able to convert to local currency without any fees) and a very specific order. This was the change they each got back:



Disclaimer: This is not a real RIT admissions brochure. Unfortunately.

11 Modern Languages

Sometimes the most important step is to realize when you don't know anything at all - so don't be afraid to say so, even when several people are speaking at once!

je no wo ni na ne id no bu pa ho on np rl ot tt
ar ep lo ng ha sp sh bl ow uo as zh er ak fr ea
it ke oe ar on ng al sp ia an er gw an im no as
en en ca li ol is sh

12 Facilities Management

With all the construction around here, we spend a lot of time putting up [fences](#). Sometimes we only notice afterward the totality of what we've fenced in!

0 2 . . 2 .
. 2 . . 2 .
. . 3 . . .
. . 3 . . .
2 2 . . 3 .
2 . . 1 . . 3 .

1 . . . 2 .
0 3 1 . . 3 .
. . . . 0 . .
. . . . 3 . .
. . 3 . . 1 . .
. . 0 . . 1 . .

. . . . 0 . .
. . 0
. . 3 . . 0 . .
2 . . . 3 0 .
1 3 . . 0 2 .
.

1 . . 0 . . 2 .
. . 1 . . 1 2 .
. . 1 . . 3 . .
. . 3
1 . . . 0 2 . .

2 . . . 3 . 1 .
2 . . 0
. . 3 . . 3 . .
1 . . 3 . . 3 .
1 3 . .
. 1 . .

. . 1 3 3 . 3 .
. . . . 1 . . .
. . 3 . . . 0 .
. . 3 . . 2 . .
3 . 2 . . 1 . .
. . 3 . 0

Admissions Office

All twelve puzzles' answers can be placed in this grid as follows: start in a square to be determined by you, and place each following letter in a square horizontally or vertically adjacent to the previous letter. Each square will be used exactly once when you are done. As a matter of school spirit, all of the Rs, Is and Ts have already been placed for you. This puzzle will tell you where you can pay your deposit to join RIT!

I	R	R	I	T	R		T	I		T	T	
									T			
					T		I		I	R	T	I
	R	R		R	T		R	R			R	R
T		R	I		T		I		R	I	T	
						R		T				
R	I	T	I	R			T	R	I		I	T