

# MathEdge

# SHINES



Creating Sharp Minds for Sharp Solutions

April 2016

## NEWS

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## MathEdge May Contest!

MathEdge will be holding a Problem Solving Contest on 5/22/16(Sunday) at our Fremont Site! (43385 Ellsworth Street Fremont, CA 94539)

Note: Space is limited so register early. No refund will be granted. We reserve the right to cancel if not enough entries.

Fee: \$45 (Add \$5/contest if registered less than 2 weeks prior to contest.)

Register online here: <http://www.mathedge.org/maycontest2016.html> OR Mail the registration to us at 43385 Ellsworth Street Fremont, CA 94539

Awards for Each Contest of Each Level (40 awards total)	
1st place	A trophy + \$75 credit
2nd place	A trophy + \$50 credit
3rd place	A trophy+ \$25 credit
4th & 5th place	A medal + \$15 credit

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## 5% OFF Summer Camps!

AM (9am-12N, M-F) (GK-8): MathEdge+ (Problem Solving and Contest Training)  
 PM1 (1-4pm, M-F) (GK-8): Writing+ (English Language Arts) | Speech+ (Public Speaking Skills)  
 PM2 (2-4pm, M-F) (G2-12): AMC 8/10/12 | MathCounts | Math Kangaroo | MathLeague  
 Prep (Practice on prior contests)  
 CODE+ AM (9-12noon, M-F) | CODE+ PM (1-4pm, M-F) (G4-12): Java | HTML | JavaScript | Python  
 MathEdge offers 8 weeklong Problem Solving + Contest Training morning (AM) camps and English Writing/Speech/AMC Contest Prep/Math Contest training afternoon (PM) camps. We have added computer programming (Code+) this year.

Signup is by weekly. Materials won't be repeated in other weeks. Each day (both AM and PM camp) includes lecture, fun puzzles, exercises, and contest. Get discounts for multiple week signups. Space is limited, so register early!

**Get an extra 5% off tuition if you sign up before 4/15!**

For more information, visit <http://www.mathedge.org/summerprograms.html>

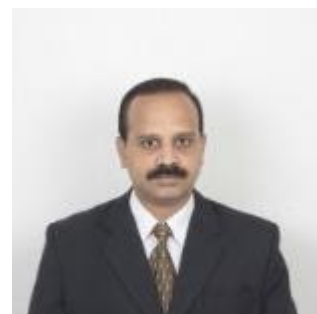
### THIS MONTH:

4/15-5% discount on Summer Camps ends



## APCS Teacher Introduction

Mr. Ramana is a high tech professional with over 2 decades of experience in corporate IT and computer technology teaching and training. He was the first Sun Microsystems certified Java trainer in India. He had trained 4500 companies in the world. He had worked with Craig Larman, a computer scientist specializing in Object-oriented design and analysis, and agile software development and modeling, in Java Patterns. His tremendous computer software expertise and passion in teaching makes him a great MathEdge teacher for the AP Computer Science and Java Courses.





## If I were President...

Persuasive Essay By: Brian (W1)

If I were President I would be the best President. The reason why is that I would make every one healthy.

First, I would ban smoking. That is because smoking can give you cancer and it is bad for the environment. I would call for more doctors and free health care because there might be a lot of people who need treatment. Everyone would be bald so there will not be any more barber shops and that will save money and electricity.

I would also help save the environment. For example, I would forbid cutting trees, so animals can have space to live. I would also say no poaching or hunting. There will be no sea oil spilled in the ocean because it will harm marine animals.

For crime I would call more armies and the police. The criminals will also have the death penalty.

Fourth, there will be more holidays. One example is Grandparent Day. For Grandparent Day grandparents older than 80 will get free stuff and money. My birthday will also be a holiday. For my birthday every parent and student will have no work and school.

In conclusion, all of you should vote for me because I will help sick patients, the environment, the crime rate, and holidays.

## Why Ice-Skating is the Better than any other Sport

Essay By: Angelina Chen (W2)

Imagine yourself at an ice rink. Then at a grass field. To me, I would like it better at the ice rink. Here's why. There are three important things: flexibility, balance, and lasting energy. It's not just gliding on the ice. You also need to have beauty and grace. That is why I like figure skating.

In ice skating, balance is very important. Other sports have balance too, but not as much as ice-skating. Ice-skating is also one of the most lasting energy-wise. For example, in a contest you have to skate for an amount of time without stopping. There is also flexibility. You have to be very flexible to be a good skater. These are the three most important things in ice-skating. Other sports may have more, but now you at least know that ice-skating is not just gliding on the ice.

Most people think ice-skating is only for girls, but that's not true. Boys ice-skate too. They can have beauty and grace like girls if they just try. Ice-skating has the most beauty and grace of any sport. In order to have beauty and grace in ice-skating, you have to carve the ice with the blade the right way. If you didn't have beauty and grace, you will just fall a lot.

Some might say ice-skating is dangerous, but it's not really. Compared to other sports, ice-skating really isn't that dangerous if you practice and be careful. The more you practice the more you won't fall. Like soccer, you might trip on your feet or miss the ball and fall. It all takes practice.

That is why I think ice-skating is better than any other sport. Now you know so... get on the ice instead of doing other sports!



# The Bunny and the Turtle

Research Paper By: Kenneth Su (W3)

Once upon a time the forest was lush and green. Inside, lay row upon row of pine trees with a river, gushing with water, in between them. In this forest lived a young rabbit. He was called Bunny. Bunny was a white rabbit who had unusually long, white ears that he liked to wrap around himself when asleep. He twitched his nose at different occasions, making him a cute little rabbit. He was a fast runner. If give the time, Bunny boasted he could run to the moon and back in one day. As Bunny was hopping along, he heard the win howling besides him. The smell of pine filled Bunny's nose as if he could taste the smell of pine. Bunny could feel the grass tickling his feet.

"I can beat anyone" he sang in his annoying, sing-song voice. Bunny twitched his nose, as if sensing the presence of someone nearby.

"You can beat anyone you say?" grunted a gruff voice from behind Bunny. Bunny whirled around to see Turtle emerging from the river next to him. Turtle was a green turtle with a bronze shell. He was a pessimist and an arrogant fellow. Though he was pretty slow, you would not want to pick a fight with him. But he was also very smart. He was already two grades ahead of others at his school But he was also very reckless. Enough about Turtle. Let's get to the story.

"Then I challenge you to a race!" said Turtle recklessly.

"Sure," agreed bunny, "I'll race you any day!" So Bunny and Turtle went to find a judge to judge this race. When they were in town they were interrupted by the King of the land: King Guinea Pig.

"I shall judge this match to see the rightful winner," said King Guinea Pig, "for the winner, I shall give him an unlimited supply of lettuce!"

'Unlimited supply of lettuce!' thought Bunny and Turtle at the same time. So they found a proper place at the beginning of the forest and were told to race until they reached the end.

"Are you ready?" asked King Guinea Pig, "Get ready, get set, go!!!" Bunny raced off like a rocket, leaving only dust behind him. Turtle, on the other hand, was moving as slow as a, well, a turtle. All Bunny was thinking about was *Lettuce!* He ran his fastest, but the forest was big.

Meanwhile, Turtle was slowly edging to the river. He overestimated his speed on land. 'Wait, my speed on land, not my speed in the sea. In the sea there is no creature faster than me' thought Turtle. Though he knew it was wrong, he sneaked into the water. Turtle felt good to be in the water again. He swam faster and faster. Finally, he reached the finish line and saw that rabbit was behind him. He swiftly got out of the water and crossed the finish line a moment before Bunny.

"What, how can this be?" stuttered Bunny, "I was so far ahead from you."

"Well, I had some strategies up my sleeve." replied Turtle though inside he felt only a false victory.

"Strategies like cheating?" inquired Bunny.

"True, you might have reached the finish line before Bunny but you cheated," King Guinea Pig declared, "Therefore I give this supply of lettuce to Bunny!"

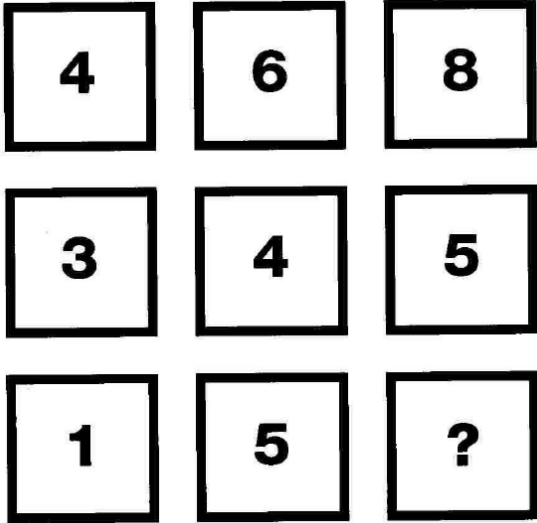
And they lived happily ever after.



# Puzzle of the Month

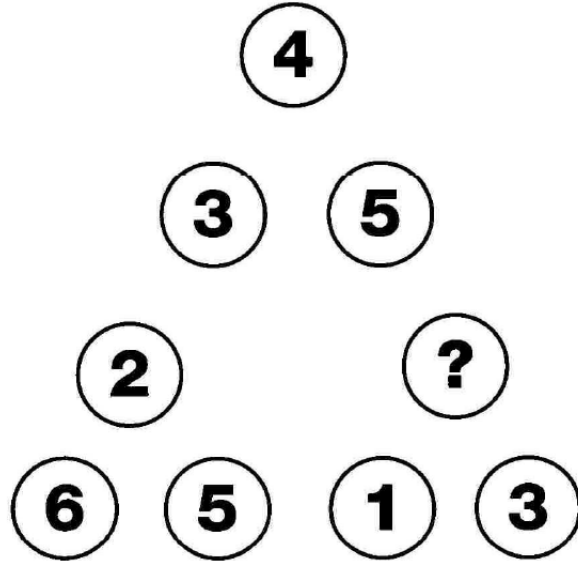
## Puzzle #1

Which number completes the sequence?



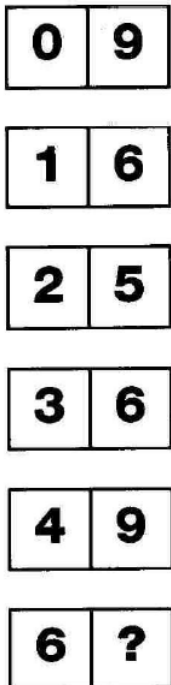
## Puzzle #2

What number completes the puzzle?



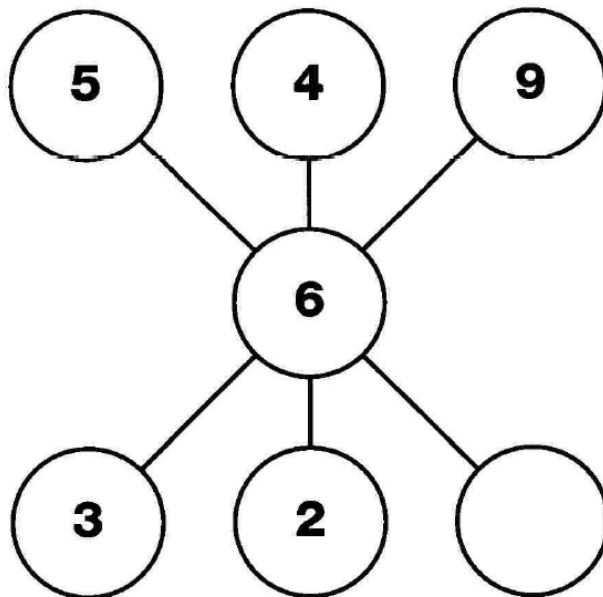
## Puzzle #3

What number completes this sequence?



## Puzzle #4

What is missing from the empty circle?



## Contact Us:

[www.mathedge.org](http://www.mathedge.org)



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