

MathEdge SHINES



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August 2015

NEWS

INSIDE THIS ISSUE:

News	1
Selected Essays from Writing+ students	2
Selected Essays + Poetry from Writing+ students	3
Puzzle of the Month	4

Fall Program Registration

MathEdge offers Problem Solving & Competitive Math Training for MathOlympiads, MathCounts, AMC 8/10/12, MathLeague, and International Math Contests! Come join one of our classes and get trained to be a competitive mathlete. Many MathEdge students were featured in news for winning major math contests and it can be YOU too!

For additional information please visit : <http://mathedge.org/mathedge+a.html>

We also offer a comprehensive English program that teaches vocabulary, reading comprehension, grammar, and most importantly, writing techniques.

For more details please visit: <http://mathedge.org/writing+.html>

Fall Openhouse

Learn more about our programs: Mathedge+, Writing+, and new afterschool enriched programs! Free Common Core Test offered, must register ahead of time.

AUG 29-30, 2015 (Sat-Sun) 2:00-5:00 pm At Cupertino Location: 7250 Bark Ln

AUG 29-30, 2015 (Sat-Sun) 10am-1pm At Fremont Location: 43385 Ellsworth Street

AUG 29-30, 2015 (Sat-Sun) 3:00-5:00 pm At Dublin Location: 6500 Dublin Blvd suite C

For the free test, you MUST sign up ½ hr time slot at www.mathedge.org

THIS MONTH:

8/29/15–8/30/15: Fall Open-house



Summer Week #3-8 Winners

Week 3 (7/6/15 - 7/10/15)

MathEdge+ Winners	Writing+ Winners
Beg: Derek Liang Int: 1. Melody Yazdi 2. Isaac Sun Adv: 1. Maya Chandra 2. Liona Yew	W3: Charlesy Chen W2: Arnav Dani W1: Nathan Ye

Week 4 (7/13/15 - 7/17/15)

MathEdge+ Winners	Writing+ Winners
Beg: Aiden Yuan Int: Janelle Cai Adv: 1. Maya Chandra 2. Anish Iyyavoo	W3: Hersh Panda W2: Aimee Wang W1: Aiden Yuan

Week 5 (7/20/15 - 7/24/15)

MathEdge+ Winners	Writing+ Winners
Beg: 1. Aiden Yuan 2. Lucas Yuan Adv: 1. Maya Chandra 2. Jason Cheng	W3: 1. Charlesy Chen 2. Andrew Yang W1: 1. Avi Qin 2. Ava Qin

Week 6 (7/27/15 - 7/31/15)

MathEdge+ Winners	Writing+ Winners
Beg: Amar Shetty Int: 1. Charlie Wu 2. Edward Sun Adv: Aryan Kaul	W3: Kerensa Hardesty W1: Amar Shetty

Week 7 (8/3/15 - 8/7/15)

MathEdge+ Winners	Writing+ Winners
Beg: Adarsh Iyyavoo Int: Charlie Wu Adv: 1. Maya Chandra 2. Charlesy Chen	W3: Charlesy Chen W1: Patrick Wang

Week 8 (8/10/15—8/14/15)

MathEdge+ Winners	Writing+ Winners
Beg: Adarsh Iyyavoo Int: Charlie Wu Adv: 1. Daniel Wang 2. Mohul Aggarawal	W3: 1. Arnav Dani 2. Derrick Pappachan W1: Joyce Huang

Self-driving Cars

By: Arnav Dani (W2)

A self-driving car is one of the wonders of technology. It is a car that has gone through a seemingly infinite amount of road tests and comes in many varieties. They have a variety of electric self-driving cars, and they are also proven to be safer than human operated cars.

One of the main producers of self-driving cars is Google. They use Lexus Rx350h, the Toyota Prius, the Audi TT, and their own custom vehicle. Google's car is priced at about \$220,000 as of 2015. The reason of the high price is partly due to the 64 beam laser that makes a 3-D map using different data models. The laser, placed on top of the car, is in the perfect spot to detect structures like traffic lights, parking spots, and other cars.

With every new car, there is a lot of road testing. In testing, testers test the basics of the car like the sensors, lasers, and technology the car uses called block tech. The different things in the world show as blocks of different colors. Cars and green, pedestrians are pink, and traffic lights are yellow. During testing these cars are proven to be safer self-driven. Some varieties of self-driving cars have an alert touchpad. The cars can only be tested in California, Nevada, Florida, and Michigan.

Google, however, is not the only maker of self-driving cars. Mercedes is the 2nd biggest producer of self-driving cars. They make trucks, sport cars, and normal cars. Mercedes' technology saves energy and reduces consumption. The Mercedes F 015 and the Audi TT have both visual and acoustic signals with the lower energy use technology. Some other companies are making self-driving cars. Tesla is planning on making a self-driving electric car. It will be one of the most energy efficient cars ever.

Some people wonder if the new self-driving car is safe and will benefit transportation. It is proven that self-driving cars are safer than a human driving and lessen accidents by about 60%. Although these cars may over speed, it is overall much safer than a human driver and is worth the money.

Self-driving cars are going to be amazing inventions for the people of the world and will help greatly. The technology involved can change the world as other brands enter the industry. Safety will go to the next level as the roads become safer.



Should we Have Homework? By: W1 students

Yes, we should.

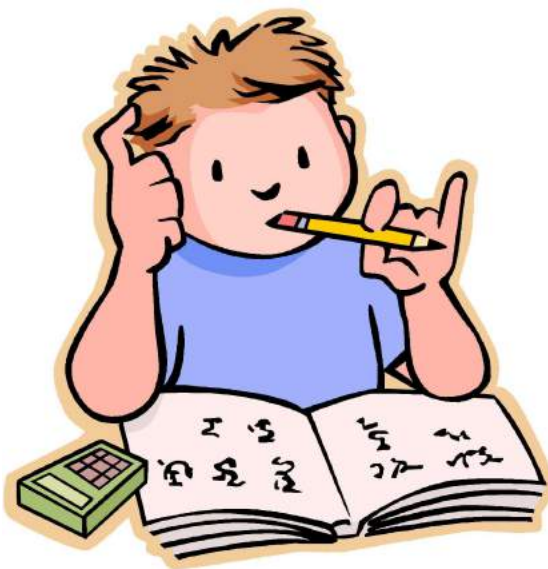
Have you ever felt like that homework is boring? Well I have too then I learned about the benefits of homework. In my opinion, we should have homework because it could help us work hard. We can get stuff done faster and learn more.

Homework is an important learning tool. You'll get practice which helps you learn stuff. Another benefit is to work on your timing. There is not much time to do homework, so you have to stay organized.

On the other side, without homework it's very relaxing, not stressful, and you get to rest.

Homework is important for learning, timing, and working hard. Without homework, you won't get practice. If you don't get practice you might forget things you learned at school. You should view homework as a positive experience because it's there to help you.

By: Aiden Yuan



No, we shouldn't.

In my opinion, students should not have homework because students work hard at school and should not have to do more work once they get home. They should have some free time to do whatever they want. That way they have time to take a break.

It is also good not to have homework so you don't get stressed out. Getting stressed out is bad because when you get older you might get high blood pressure.

On the other hand doing homework helps you get a better job. But in my opinion, not having much homework is better.

In conclusion, students should not have homework because if they do they may get stressed. They will need some time to take a break. If you have too much homework you have a chance to get high blood pressure. Ask your teacher to give you less homework and see how it affects your test scores.

By: Amar Shetty

The Plane

By: Lucas Yuan (W1)



One day I saw a big plane
About to take off from the lane
Carrying people here to there
Getting luggage everywhere
Even in the muddy rain

Sometimes people are not on time
Making people angry by the chime
Causing people to huff
Causing others to puff
Wanting to go home on time.

The Crescent Moon

By: Kerensa Hardesty (W3)

The crescent moon glitters impatiently above,
Waiting as a tiny sliver of silver,
Its cool gentle light swirls around the wispy clouds
Which are hiding the gleaming stars.
And the shadows hide the clouds in a midnight shroud,
And the only thing that shines is the midnight moon.

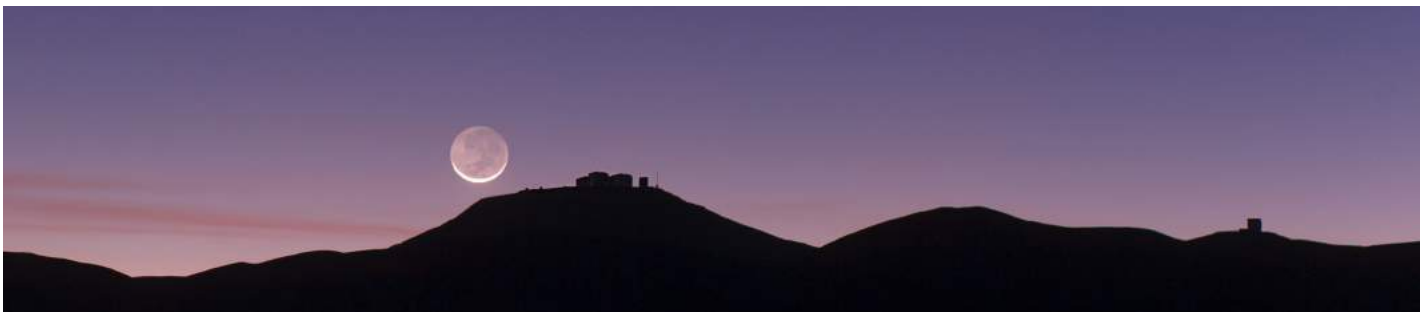
In that place, in that year,
The forest is filled with newborn cries,
A soft high sound of life and love,
And the wind whispering a lullaby
The only other sound is a cooing dove,
All celebrating the arrival of spring

The heat of the air begins to rise
As the branches grow firmer
The animals in happiness, rest and grace,
The water of the creek seems to sing,
And the warmth of the world is only from a gaze,
A gaze bursting past the layers of the sky.

In that place, in that year,
The wing starts to shriek out of tune.
The forest, carefully sleeping under
The midnight shroud
Is forced to fall by thunder.
The age of the forest is taking over.

The moon—white with rage, green with envy,
Hammers the forest with the knives of the sky.
In the spring, they have thrived,
But things have changed, they're cursing time.
Leaves fall as if they would cry
From the rash destruction of the moon's demise

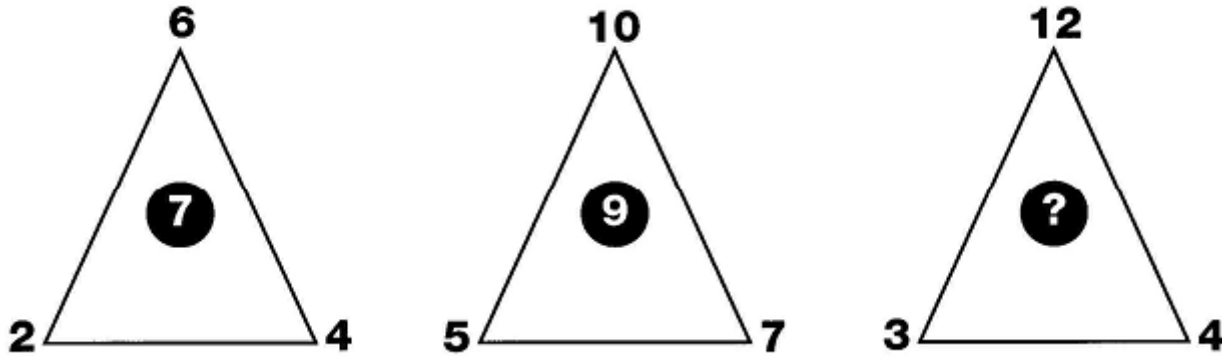
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Waiting as a tiny sliver of silver.
Its cool gentle light swirls around the wispy clouds
Which are hiding the gleaming stars
And the shadows hide the clouds in a midnight shroud
And the only thing that shines is the midnight moon.



Puzzle of the Month

Puzzle #1

Following a logical sequence, which number needs to be added to complete the puzzle?



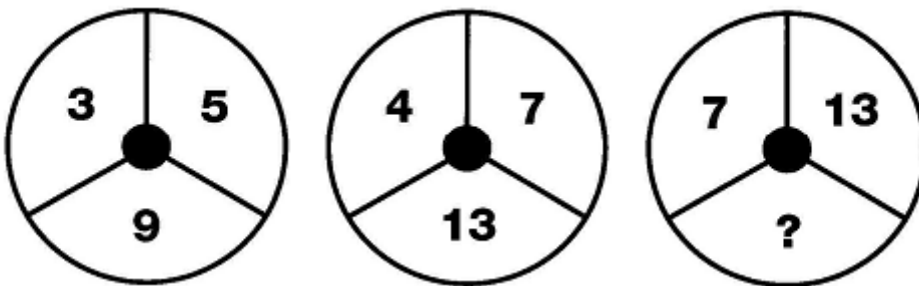
Puzzle #2

Which number continues the sequence?



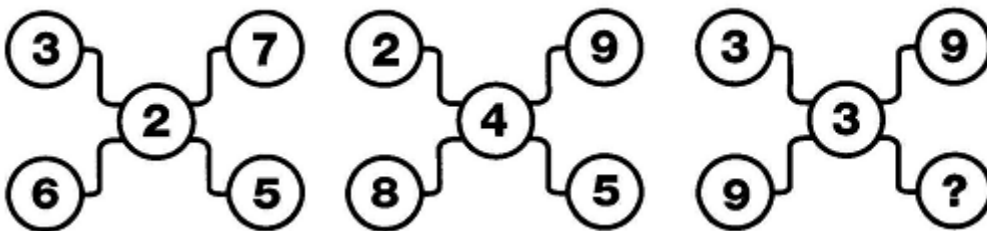
Puzzle #3

What number is missing?



Puzzle #4

What number is missing?



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Request answers and solutions at <http://mathedge.org/contact.html>