

MathEdge



July 2015

SUCCESS STORIES

Chris Ge moves on to Math League National!

On May 3rd, MathEdge student Chris Ge participated in the Math League State Competition, a nationwide math competition for elementary, middle, and high schoolers. Chris Ge is currently a 4th grader in Chadbourne Elementary School. He got 6th place in 4th grade category, qualifying him for the Math League National in Houston, Texas! Congratulations!



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THIS MONTH:

6/29-7/3—No summer camp

7/4—Happy 4th of July!



Summer Camp Registration

It's not too late to sign up for MathEdge's summer camps! We offer 8 weeks of Problem Solving and Contest Training morning (AM) camps and English Writing | Speech | AMC8 prep afternoon (PM) camps running from 6/15-8/14. Sign up is by weekly. Materials won't be repeated in other weeks.

Summer Programs: MathEdge+, Writing+, Speech+, Common Core, Middle School Advancement Prep, AMC 8 Prep, Summer Courses

Summer Camp Week #1+2 Winners

Week 1 (6/15/15 - 6/19/15)

MathEdge+ Winners	Writing+ Winners
Beg: Kimaya Mehta Intermediate: Maggie Du	W3: Kevin Deng W2: Maggie Du W1: Ava Zarkesh
Adv: 1. Jason Cheng 2. Nikunj Shanker 3. Anish Iyyavoo	

Week 2 (6/22/15 - 6/26/15)

MathEdge+ Winners	Writing+ Winners
Int: 1. Melody Yazdi 2. Maggie Du Adv: Billy Yang	W3: 1. Kevin Deng 2. Anish Iyyavoo W1: Isaac Sun
	W2: 1. Ava Mracek 2. Shrutik Kanukuntla

New Enriched After-School Program at Cupertino Site

Take a survey about our potential new MathEdge Enriched After-School Program at Cupertino site, which is planned to begin in fall of 2015: <https://www.surveymonkey.com/s/DSM82FZ>. Participating parents who complete the survey by 6/15/15 will receive a \$30 voucher for any MathEdge program at Cupertino site! Those who refer a friend to this program will receive a \$50 voucher towards this Enriched Afterschool program for themselves and their friend.

The Honest Lumberjack

By: Jason Cheng (W2)

In the sunny and calm village of Gabbitown, there lived two men, both lumberjacks named Billy and Bob. These two men, who were muscular, were unfortunately very poor.

Each and every day, Bob woke up at seven o'clock and at his beef stew from the previous day. A half an hour later, he picked up his half worn-out, homemade wooden axe. He headed out the door, and made small strides towards the forest on the newly cut grass. After the sun had risen high above the trees, he would sit against his favorite tree, next to the Sparkling River. The water was deep and blue, filled with tiny fish which would soon be going to the ocean. After his break, he would continue chopping until dark.

On the other hand, Billy woke up at noon, when he slowly made his rice and stared outside. He would then make his way to the axe room, where he picked up his only axe, and limped out the door. It took him an hour after eating to make his way down to the forest. When he met Bob, he then started chopping until he was tired. That was when he hauled his own feet back to the house.

One bright morning, when the sun was just rising, Bob yawned and walked over to the kitchen. He re-cooked his beef stew, and as usual, headed out the door. During Bob's break, Bob decided to practice his axe-throwing skills. He created a wooden target, and pinned it onto the tree. After a few throws, Bob decided to make his last throw. It skimmed off a small piece of the target and flew into the Sparkling River. Bob sprinted to the rushing water, but the axe was nowhere to be seen.

"I'm ruined! Ruined!"

All of a sudden, Bob saw a light. He covered his eyes and said, "Who is it?"

"It is me, Mars, who will get the axe!" shouted the war god.

"Oh, please do, my kind sir. I'm ruined. Oh I'm ruined."

Mars then came up with an idea. He picked up a sharpened stone axe. "Is this yours?"

"No, mine is a wooden one, sir."

Mars was so impressed that he gave Bob the sharpened stone axe.

When Billy heard the news, he went down to the Sparkling River and threw in his axe. At once, Mars appeared. He then did the same trick on Billy. He picked up a sharpened axe.

"Is this yours?"

"Yes! That is mine, sir!"

Mars knew that this man was lying. At once, Mars disappeared without picking up the axe.

"Uhhhh... Sir?"

There was no reply. Billy sat there staring at the sky.



The Little Crab

By: Ava Zarkesh (W1)

Once, there was a little crab on the road. He was really nice. He climbed up my back and it tickled. He didn't sting me, so then I took him home with me. I got some sand from a store. When I got home I put some sand in one bowl and water in another bowl. Then, the crab smiled. I put some crab food on a plate, and I gave him the food. He kept on eating until he was full.

I put him on the sand, and then he wanted to go in the water for a long time. He found his friends on the road. He was so happy that he climbed on my back, and he seemed like he was talking. For a long time, he was playing with his friends. Then, he fell asleep and I took him back to the beach.



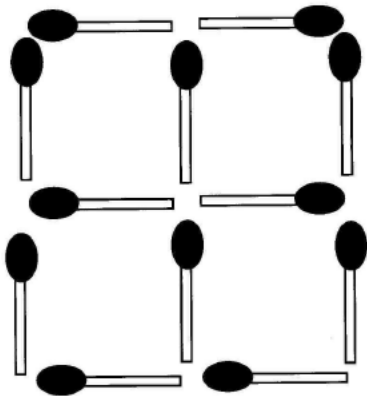
Puzzle of the Month

Puzzle #1

Which number completes the sequence?



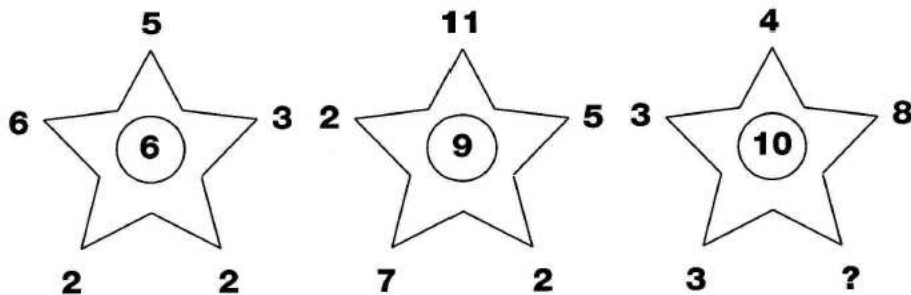
Puzzle #2



Move two matches to create 7 squares.

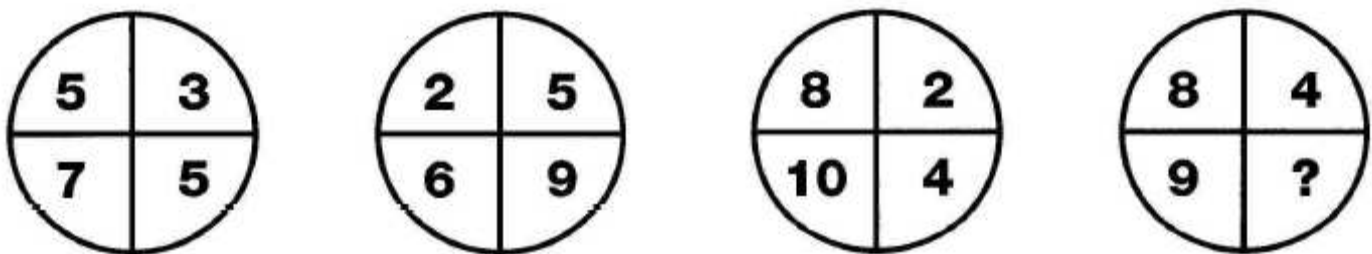
Puzzle #3

What number is missing?



Puzzle #4

What number is missing?



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

MathCore Challenge Of the Month

Grade 3 and Below:

What properties are being shown? (Write Associative or Commutative).

$$4 + 5 = 5 + 4$$

$$(4 + 11) + 7 = 4 + (11 + 7)$$

$$4 \times (1 \times 7) = (4 \times 1) \times 7$$

$$6 + 1 + 5 = 1 + 5 + 6$$

$$(4 + 3) \times (2 + 9) = (2 + 9) \times (4 + 3)$$

What bills and coins together can make a total of \$17.23?

What's the next number?

100 80 60 40 20 _____

Grade 4 and Below:

If I can find 16 shells in a minute, how many will I find in an hour?

A galaxy has 7 solar systems. Each solar system has 5 planets. Each planet has 12 moons. Each moon has 30 aliens. Each alien has a pet. How many moons are in the galaxy?

What's the next number?

5 6 8 11 15 _____

Grade 5 and Below:

If a number ends with a "0", what numbers can divide it?

$\frac{1}{2}$ of my shirts are purple and $\frac{1}{4}$ of my shirts are blue. The rest are indigo. If I have 5 blue shirts, how many are indigo?

What's the next number?

2 3 5 7 11 _____

Grade 6 and Above:

How many square numbers end with the digit 3?

Choose any two numbers >10 : _____ and _____. Calculate below:

GCF: _____

LCM: _____

GCF x LCM: _____

Product of your numbers: _____

Were the last two calculations equal? _____

What does this tell you about any two numbers?

What's the next number?

5 25 7 49 13 169 _____

Student Name:

Student Grade:

School:

Parent name:

Parent email:

Parent phone number:

Contact Us:

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