

Fuji Times

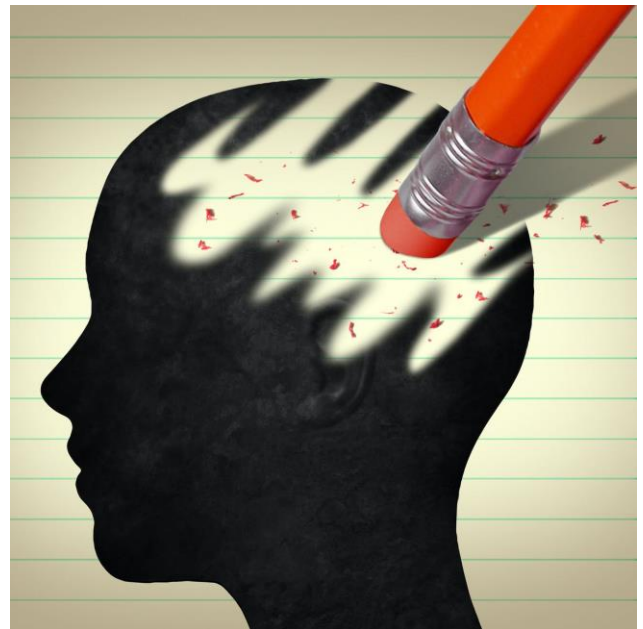


Are all our memories real?

Even though we always rely on our memories, they can be highly inaccurate or outright false: we often make up memories of events that never happened. Remembering is not like playing a video from the past in your mind – it is a high recovery process that depends on knowledge, self-image, needs and goals. Researchers are starting to understand that the human minds can re-invent, distort, exaggerate or create a memory after any traumatic experience or event that affected them greatly.

Some facts about memories:

- Human brain capacity is around 2.5 petabytes which compares to holding 3 million hours of TV shows.
- Short-term memory only lasts 20 to 30 seconds.
- Caffeine only helps to increase alertness, it doesn't maintain memory performances.
- The human brain's storage capacity is virtually limitless.
- The memory loss people experience as they age is because they tend to exercise their brains less.
- Stress, anxiety and depression can affect your memory.



No matter how much suffering you went through, you never wanted to let go off those memories.

~Haruki Murakami



World Wide Section

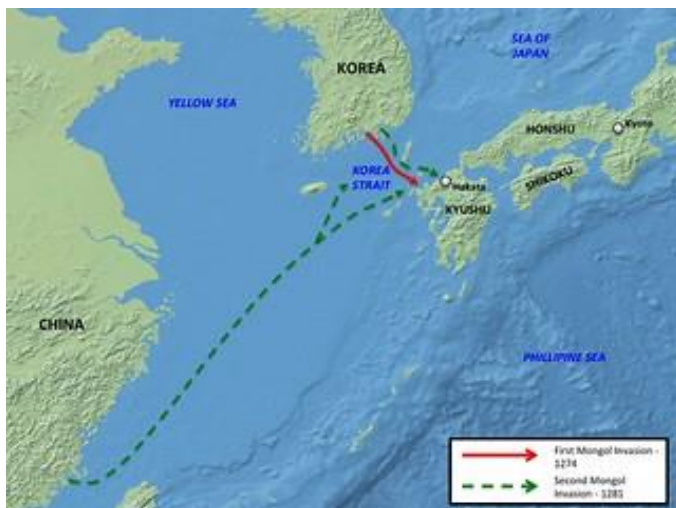
The Mongol Invasion of Japan

By the late 13th century, the Mongol empire had stretched from Korea to Eastern Europe, making it the largest contiguous empire in the world. In fact the Mongols are the only one to successfully pull off a winter invasion over Russia. They were the juggernauts of the military world.



However, when it came to invade Japan, only 2 things stopped them.

1. Typhoon
2. Another Typhoon



On November of 1274, Kublai Khan (the khan of the Yuan Dynasty) sent a fleet of an estimated 600 ships into Hakata Bay. They were devastated by a typhoon after only one day of fighting. Dismayed but not defeated, Kublai Khan spent the next 7 years regrouping for a bigger and stronger attack.

In August of 1281, Kublai Khan sent an estimated 900 ships into the Hakata bay

only for it to be destroyed by a much stronger typhoon.

Those 2 storms returned after approximately 100 years. Convinced of a divine intervention, the Japanese called the two storms "kamikaze" or the divine winds.

Recommendation Letter

- **How to Ask for a Letter of Recommendation for College**

Letters of recommendation from teachers, school counsellors and other sources can help college admissions officers get a more complete picture of applicants.

For this reason, obtaining high-quality letters of recommendation usually doesn't happen overnight – it's a process that takes time and planning. Here's everything high school students need to know about how to ask for letters of recommendation for college applications.

- **How Many Letters of Recommendation for College Do I Need?**

The number varies among colleges. Some schools don't ask for letters of recommendation while others may require several. Students should check admissions requirements online to find the exact number, if any, a college requires.

In addition to any required recommendation letters, some colleges give applicants the option to submit supplemental letters.

- **Whom Should I Ask to Write Letters of Recommendation?**

Admissions officers generally want to see letters of recommendation from high school teachers and counsellors. But some colleges have more specific requirements than others.

A college's website will usually spell out the exact requirements for letters of recommendation, but in my opinion students shouldn't be afraid to reach out to the admissions office if they have questions.

When it comes to letters of recommendation from teachers, students should approach the instructors with whom they have the best relationships. Ideally, this is someone who knows them well and can speak about both their academic and personal strengths.

2021 Best Global Universities Rankings by U.S News

Washington, D.C. – U.S. News & World Report, the global authority in education rankings, released the 2021 edition of the Best Global Universities rankings. With data on nearly 1,500 schools, the rankings measure universities from dozens of countries on academic research and reputation.

Two countries are represented by the overall top 10 schools: the U.S. and the United Kingdom. Harvard University maintains its No. 1 rank, while Massachusetts Institute of Technology comes in at No. 2.

Stanford University and the University of California–Berkeley are third and fourth, respectively. The U.K.'s University of Oxford finishes out the top five in the overall ranking.

This year's edition includes schools from 86 countries, up from 81 last year. The U.S. has the most universities in the overall ranking with 255, followed by these countries:

- China: 176
- U.K.: 87
- France: 70
- Germany: 68

China is home to six of the top 10 schools in several of these subjects: chemical engineering, energy and fuels, and nanoscience and nanotechnology.

Based on Web of Science data and InCites metrics provided by Clarivate, a global leader in providing trusted information and insights to accelerate the pace of innovation, the Best Global Universities methodology weighs factors that measure a university's global and regional research reputation and academic research performance. For the overall rankings, this includes bibliometric indicators such as publications, citations and international collaboration. Each subject ranking has its own methodology based on academic research performance in that specific area.

Overall Best Global Universities – Top 10

1. Harvard University (U.S.)
2. Massachusetts Institute of Technology (U.S.)
3. Stanford University (U.S.)
4. University of California–Berkeley (U.S.)
5. University of Oxford (U.K.)
6. Columbia University (U.S.)
7. California Institute of Technology (U.S.)
8. University of Washington (U.S.)
9. University of Cambridge (U.K.)
10. Johns Hopkins University (U.S.)

Africa – Top 3

1. University of Cape Town (South Africa)
2. University of Witwatersrand (South Africa)
3. Stellenbosch University (South Africa)

Asia – Top 3

1. Tsinghua University (China)
2. National University of Singapore
3. Nanyang Technological University (Singapore)

Australia/New Zealand – Top 3

1. University of Melbourne (Australia)
2. University of Sydney
3. University of Queensland Australia

Europe – Top 3

1. University of Oxford (U.K.)
2. University of Cambridge (U.K.)
3. University College London

Manga section

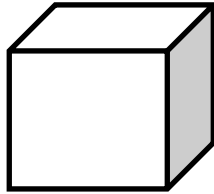


Extra credit

In this section you may complete the following activities and send it to your Math teachers for extra credit points.

GRADE-7

- At the right is a 3 by 3 by 3 cube. Not all of the cubes are visible. Suppose the entire outside of the cube is painted red including the bottom. How many different 2 by 2 by 2 cubes exactly 3 red faces can be found in the shown cube?

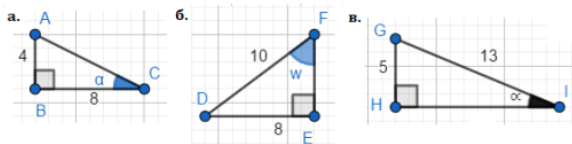


- Find the last digit of $1^{2015} + 2^{2015} + 3^{2015} + \dots + 10^{2015}$.

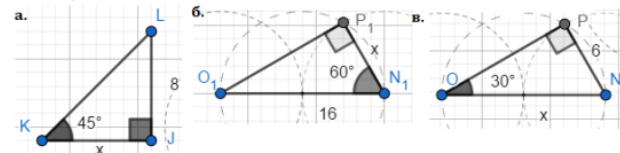
GRADE-8

33. Тригонометрийн функц, түүний хэрэглээ.

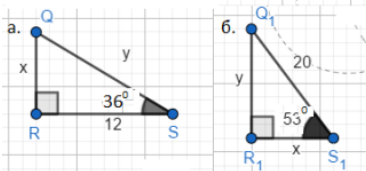
1. Тэмдэглэсэн өнцгийн тригонометрийн функцуудын утгыг ол.



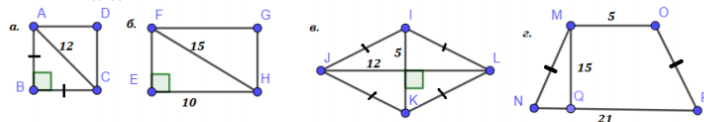
2. x-ийн утгыг ол.



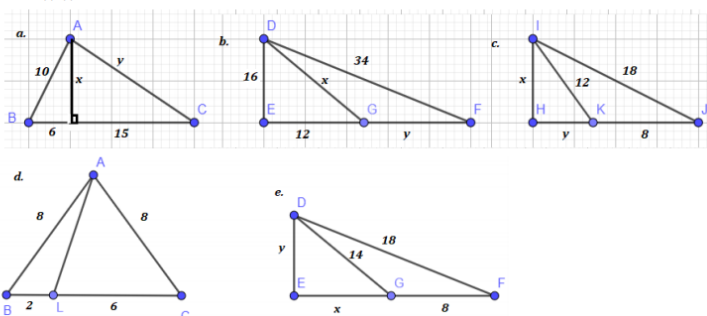
3. x, y-ийн утгыг ол.



2. Үл мэдэгдэх талыг ол.

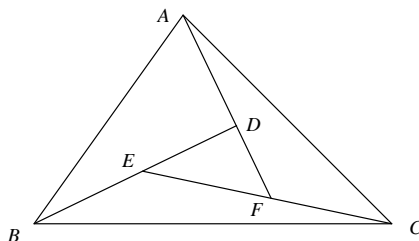


3. Үл мэдэгдэх талыг ол.



GRADE-9

1. In $\triangle ABC$, $AD = DF$, $EF = FC$ and $BE = ED$. The area of $\triangle DEF$ is 3 cm^2 . Find the area of $\triangle ABC$.



2. It is given $r - s = 5$ and $t - s = 11$. Find the value of $r^2 + s^2 + t^2 - rs - st - rt$.

GRADE-10, 11, 12

1. For what value of x will the function $f(x) = -3(x - 10)(x - 4)$ have a maximum value? Find the maximum value.
2. A class average mark in an exam is 70. The average of students who scored below 60 is 50. The average of students who scored 60 or more is 75. If the total number of students in this class is 20, how many students scored below 60?

Japanese Section

ホラーベイ

ソウル橋「ジャユロ」で事故が発生 ただし、異常な原因が事故を引き起こす可能性があると考え人もいます。多くの乗客と運転手は、暗い眼鏡をかけている若い女の子が車のそばに立っているが、ガラスの上ではなく、目が空いていて、掘り出された中空のブラックホール以外は何もないと言った。おびえたドライバーはすぐに逃げました。町の投げ手の一人の写真。



Улаан нүдэт-赤い目 - Akai me



敏感すぎる場合は、このセクションをスキップしてください。しかし、あなたは事件を愛しているので、あなたはそれを読む方法を知っています。若い学生がアパートを借りるために新しい家に引っ越しました。それから彼は部屋を見回し、壁に小さな穴があった。彼が行ってその穴を覗いたとき、それは赤かった。若い男は、「私の家が赤い壁のとき」と単純に考えています。2,3,4 日。部屋は少し奇妙に見え、アパートの所有者は、「私たちの隣にはどんなリビングルームがありますか？」

Chinese Section

南京大学 校址 中华人民共和国江苏省南京市 特点 南京大学海外教育学院兼具行政管理与教学科研职能，既是全校留学生招生和日常管理工作的主管部门，也是从事汉语国际教育和研究的教学科研机构，以培养国际学生和国内汉语国际教育、中国语言文化传播人才为办学目标。其中博士生导师人，硕士生导师人。近年来新增的年轻教师均有博士学位，形成了一支年龄结构合理、教学经验丰富、科研能力雄厚的教师队伍。 南京大学是研究型综合大学，格物致知，广博易良，向有学科齐备的补充，涵盖了众多领域。现有文学、历史、地理与海洋、地球、大气、天文空间、环境、哲学、数学、物理、化学化工、生、医、政、法、商、社会、信息管理、新闻传播、外国语、工程管理、建筑与规划、电子、计算机、工程与应用科学（含材料、能源、生物医学、量子电子学与光学工程系）等二十多个独立的学科类学院。 校费 住宿费 1、仙林校区 21 栋留学生公寓。房间价格：12000 元/单人间/学年，6000 元/双人间/学年。 2、鼓楼校区西苑留学生公寓。双人间：52 元人民币/天/人；单人间：67 元人民币/天。 3、入住学校公寓时，交纳物品押金人民币 600 元及住宿押金人民币 1000 元。 4、住在校外的学生，房屋租金因房间大小和居住地段不一，房屋租金一般为 2500-5000 /月。 保险费 400 元/学期 800 元/年



浙江大学 浙江大学是一所历史悠久、声誉卓著的高等学府，坐落于中国历史文化名城、风景旅游胜地杭州。浙江大学的前身求是书院创立于 1897 年，为中国人自己最早创办的新式高等学校之一。1928 年，定名国立浙江大学。近日，教育部正式发出《关于公布 2019 年国家级和省级一流本科专业建设点的通知》。通知明确，共认定首批 4054 个国家级一流本科专业建设点，其中浙江大学 36 个专业入选首批国家级一流本科专业建设点，获批率 100%，入选总数位列全国高校前列，充分反映了学校一流本科专业建设的务实成效。 浙江大学紧紧围绕“德才兼备、全面发展”的核心要求，全面落实立德树人根本任务，着力培养德智体美劳全面发展、具有全球竞争力的高素质创新人才和领导者。浙江大学注重精研学术和科技创新，建设了一批开放性、国际化的高端学术平台，汇聚了各学科的学者大师和高水平研究团队。今天的浙江大学，坚持以习近平新时代中国特色社会主义思想为指导，致力于传播与创造知识，弘扬与引领文化，服务与奉献社会，坚定不移地打造更高质量、更加卓越、更受尊敬、更有梦想的大学，为加快进入中国特色世界一流大学行列、迈向世界一流大学前列而奋斗，为实现中华民族伟大复兴、促进人类文明进步作出卓越贡献



北京大学（Peking University，简称北大，创建于 1898 年，初名京师大学堂，成立之初为中国最高学府，同时也是国家最高教育行政机关，行使教育部职能，统管全国教育。中华民国建立后，校名改为北京大学校，后又改名为国立北京大学。是中国近代第一所国立大学，也是中国近代最早以“大学”身份和名称建立的学校，其成立标志着中国近代高等教育的开端。在 2005 年英国 Times Higher 的世界大学排名，北京大学在总平均排名世界第十五，名列亚洲高校第一。北京大学因而在中国文化史和近现代历史中均享有重要的地位。北京大学处在中国大学金字塔的顶端，是中国顶级大学。

下面给大家讲一个与北京大学有关的小故事，希望大家笑一笑。“清晨，当一路阳光照进屋子里时，我才懒洋洋的拖起软软的身子。还没来得及洗脸，就跑到窗前，贪婪的呼吸夏日清晨的空气。“嗡嗡嗡”，一辆摩托车开到了我面前。哦是邮递员叔叔，他居然把北京大学的录取通知书递给了我，我不敢相信自己的眼睛，当我回过神来摩托车早已走出了老远。我捧着通知书，告诉爸爸妈妈我考上了梦寐以求的大学了。谁知爸爸比我还要高兴，他拉着我的手跑到大街上，见人就会来一句“瞧我这有出息的闺女，考上北京大学啦”。在家放了两个月的假，这天，我被亲戚包围着上了火车，踏上了去北京的征程。停车火车的鸣声，我也抑制不住了喜悦之情……”。

“懒虫，起床了。”妈妈的吼叫声如老虎，回过神来，才知道做梦了。细细回想，带有一丝的遗憾，但更多的是激励。望着今天明媚的太阳，我又暗暗下了决心。

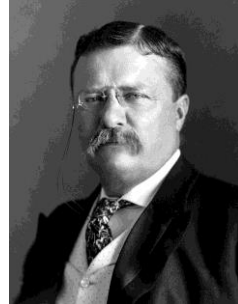


What happened in the world this month?



Born on
October
28th

Microsoft founder Bill Gates was born in Seattle, Washington, October 28, 1955. In 1975, he co-founded Microsoft with Paul Allen, designing software for IBM computers. By 1980, Microsoft became the leading software company for IBM compatible computers. Gates became a billionaire by age 31 and remains one of the world's wealthiest individuals.



Born on
October 27th
(1858-
1919)-

Theodore Roosevelt

The 26th U.S. President was born in New York City. He succeeded to the presidency following the assassination of President William McKinley. Roosevelt served from September 14, 1901 to March 3, 1909. Best remembered for stating, "Speak softly and carry a big stick."

October

October 30, 1990 - For the first time since the Ice Age, Great Britain was connected with the European continent, via a new rail tunnel under the English Channel.

October 28, 1636

Harvard University, the oldest institution of higher learning in America, was founded in Cambridge, Massachusetts. It was named after John Harvard, a Puritan who donated his library and half of his estate. Distinguished alumni include; Ralph Waldo Emerson, Henry David Thoreau, Henry James, and NAACP founder W.E.B. Du Bois.

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- 8th, 9th, 10th grades wanted
- Intermediate level of English
- Teamwork skills, responsible reporters and editors wanted

For more details contact the directors.