



FUN & GAMES

What's the Difference?

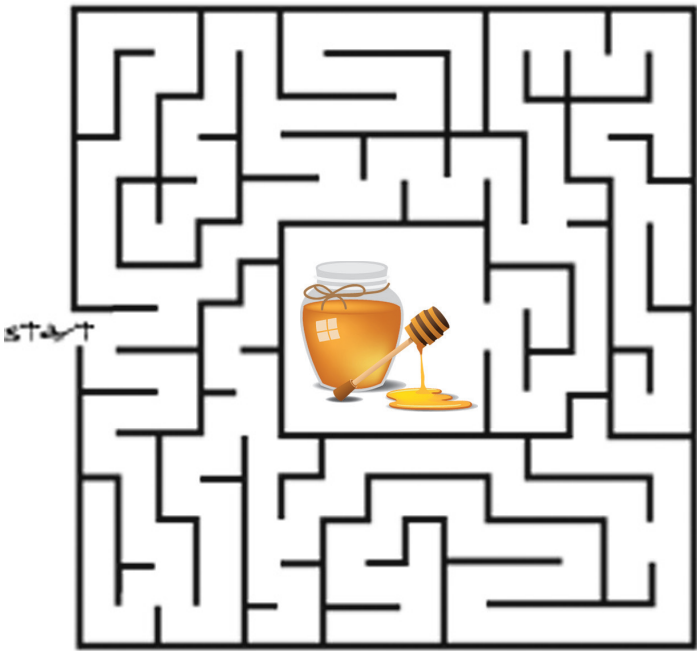
There are four differences between Picture A and Picture B. Can you find them all?



Answers: 1. Sign says "honey" 2. Appliance in back is missing 3. Woman's hair is different color 4. Man has mustache and goatee

MAZE CRAZE

Can you find your way to the jar of honey?



Solution on back page



To make a pound of honey, bees have to visit around 2 million flowers. A bee will visit anywhere from 50 to 100 flowers per trip



THIS DAY IN...



1940
The Germans renew their offensive in the Battle of France.

1956
Elvis Presley sparks an uproar with his dancing as he sings "Hound Dog" on "The Milton Berle Show."

1993
Portions of the Holbeck Hall Hotel in England fall into the sea following a landslide.



Can you guess what the bigger picture is?

Answer: Honey container



ENGLISH: Honey

SPANISH: Miel

ITALIAN: Miele

FRENCH: Miel

GERMAN: Honig



A science column for kids from Washington State University

Dear Dr. Universe: What is the likelihood that all your lysosomes could burst at the same time? Would you spontaneously dissolve? -- Annika, 12, Pennsylvania

Dear Annika, I'd love to read a creepy science fiction story where people dissolve.

I asked my friend Anders Omsland if that could happen. He's a biomedical researcher at Washington State University.

He told me a lysosome is a specialized compartment in a cell. It's like a little sack of digestive enzymes. Those are proteins that break stuff down.

Our cells use lysosomes to help destroy germs or recycle old or messed up cell parts. Lysosomes are basically the cell's trash and recycling centers.

"I don't think it's possible for lysosomes to all pop at the same time," Omsland said. "They don't really explode in the first place. Their function is regulated in a very orchestrated, orderly process."

Here's how lysosomes work. Let's say you forget to wash your hands and germs enter your body. With any luck, an immune cell -- called a macrophage -- senses the germ. The macrophage scoops it up. It

holds the germ in a sack-like bubble. That's called a vesicle, or more precisely, a phagosome. Then the phagosome fuses with a lysosome to form a phagolysosome. Inside, digestive enzymes from the lysosome help destroy the germ.

Or imagine that one of your cells makes hemoglobin. That's a protein that carries oxygen in your blood. Normally, proteins work because of the way they're folded. A misfolded protein probably won't work. So, your cells scan for errors. They tag messed-up proteins. Those get picked up and taken to a lysosome. Just like with germs, the lysosome breaks down the misfolded protein. Then it recycles the parts so the cell can try again. Lysosomes are so important that mammal cells usually have hundreds of them.

Having all those pockets of digestive enzymes isn't risky. Your body evolved a fail-safe to prevent accidents.

"These processes activate in specific and orderly ways -- so we don't get eaten up by our own lysosomal enzymes," Omsland said. "One specific condition that activates degradative enzymes, often referred to as acid hydrolases, is acidic pH."

The inside of a lysosome is acidic. And those digestive enzymes only work in an acidic environment.

Cells are full of goo -- called cytosol. It's neutral and not acidic. So, even if the lysosomes leaked, nothing would happen. It isn't acidic enough to turn on the enzymes.

Rarely, people are born with lysosomes that don't function properly. Their cells can't remove waste and toxic stuff. That can make them sick.

So, scientists don't worry about lysosomes bursting. They don't stress about people dissolving. But they are concerned about people whose lysosomes don't work. They're figuring out ways to fix the problem.

And that's pretty vesi-cool.

Sincerely,
Dr. Universe



Oberon school holds 8th grade graduation

The Oberon school hosted a spectacular 8th grade graduation on May 23. Top photo, L-R: Ms. Christine, Kobe Demarce, Marcahl Left Bear, Breann Dogskin, Victoria Harrison, Wanikiya Fox, Kyle Langstaff, Mr. Moriel.

Photos courtesy Charlotte Franks-Erickson

FARM & RANCH EQUIPMENT ESTATE AUCTION

ONLINE ONLY Opens: June 9, 2025—Starts Closing: June 16, 2025 10 AM

Location: Cando, ND (4.5 miles north of JCT 281 & 17, ¼ mile east)



Haying & Livestock
Shulte mower (batwing)
Tillage, Drills, Harvest

Online bidding at: www.dakotauctioneerslive.com/auctions

Various machinery trailers
Working Vintage Fire truck, 1984 Cadillac
JD Lawn tractors & much, much more

Owners: Wayne & Marguerite Freund Estate, Tom Freund (701)351-0096



Visit our websites at: www.dakotauctioneers.com, www.midwestauctions.com
www.globalauctionguide.com, www.allauctionsales.com

Larry Swenson, (701) 968-4224 Office or (701) 303-0379 Cell

Notice of Special Election to Establish Mill Levy Leeds Rural Ambulance District

Notice is hereby given that on **Tuesday, July 22, 2025**, an election will be held to establish the maximum allowed mill levy for the Leeds Rural Ambulance District. Any qualified elector residing in the district is eligible to cast a ballot. The polling location will be the **Leeds Rural Ambulance District building** located at **130 1st Ave NE, Leeds ND 58346** on **July 22, 2025**, from **7 a.m. - 7 p.m. CST**. Absentee ballots may be obtained by completing an absentee ballot application which can be found online at **www.vote.nd.gov**. The completed application must be emailed to **sleedsambulance@gmail.com** or mailed to:

Leeds Rural Ambulance District
PO Box 361
Leeds, ND 58346

Sample Ballot

Shall the Leeds Rural Ambulance District levy a tax not to exceed 15 mills for the purpose of equipping and maintaining a rural ambulance service district.

Yes - Means you approve the measure as summarized above

No - Means you reject the measure as summarized above