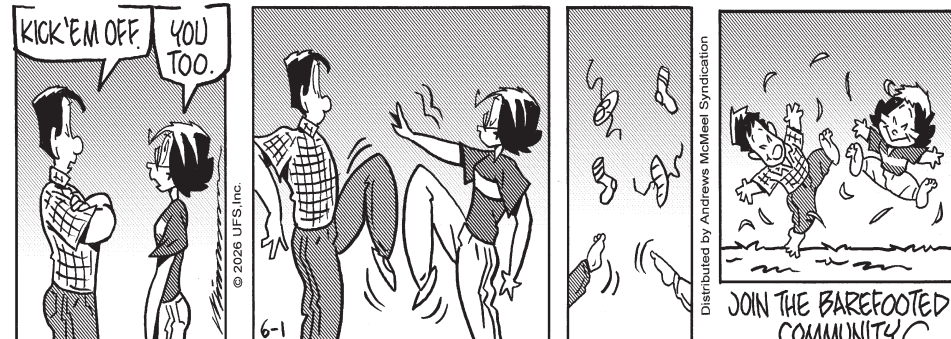


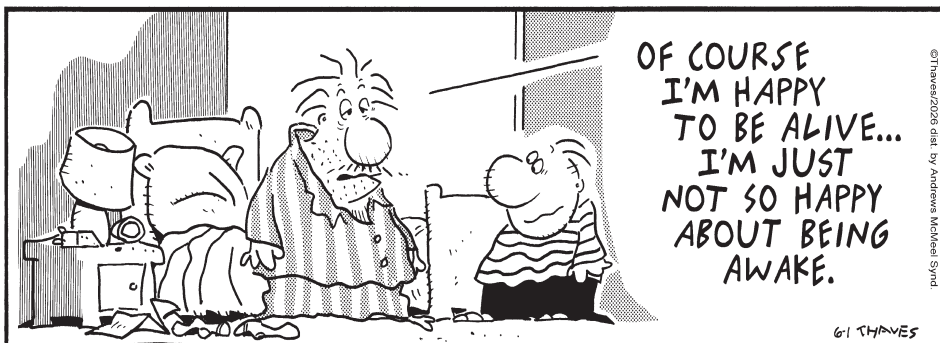
**GARFIELD**



**ROSE IS ROSE**



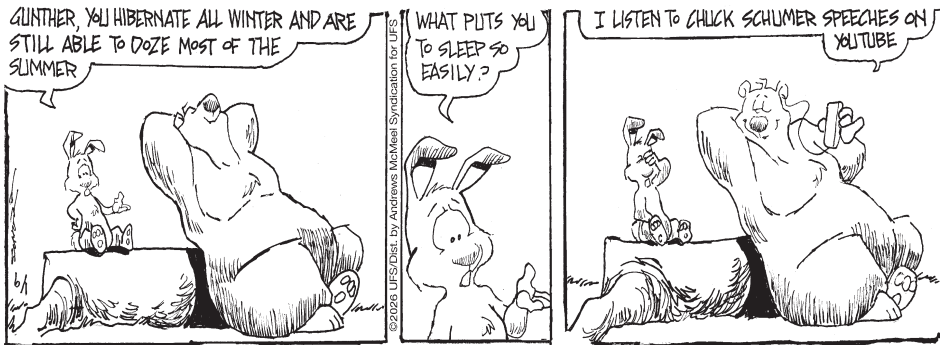
**FRANK & ERNEST**



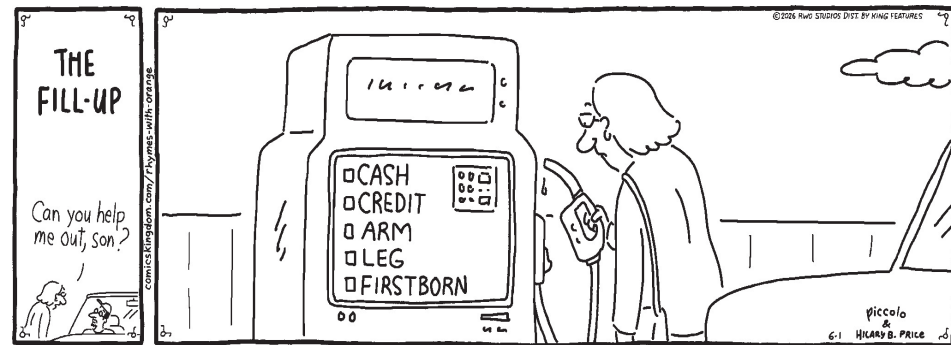
**MUTTS**



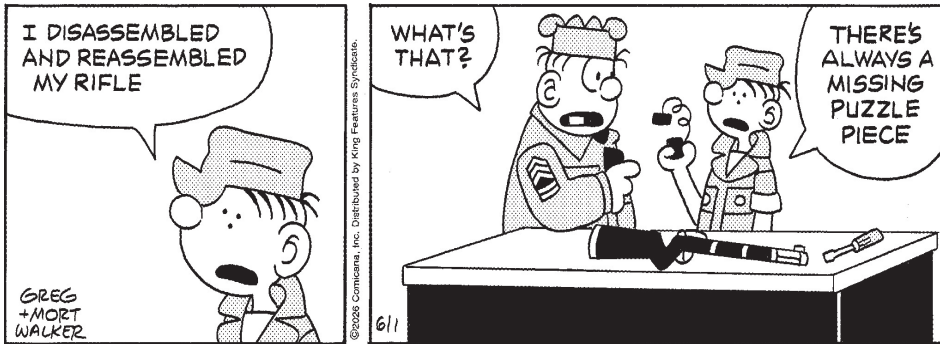
**THE GRIZZWELLS**



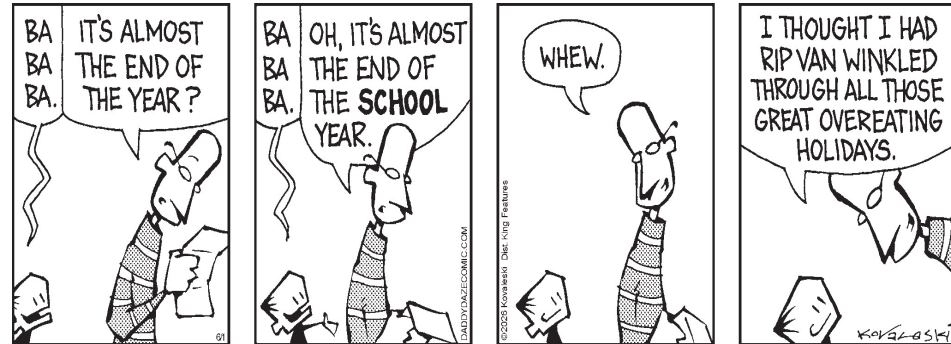
**RHYMES WITH ORANGE**



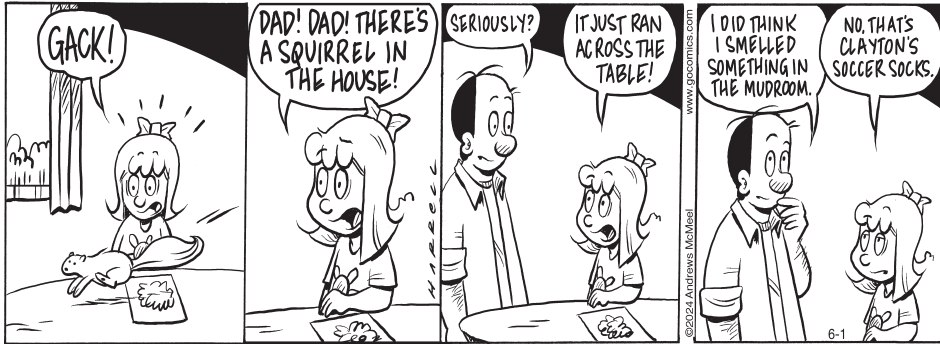
**BEETLE BAILEY**



**DADDY DAZE**



**ADAM DAILIES**



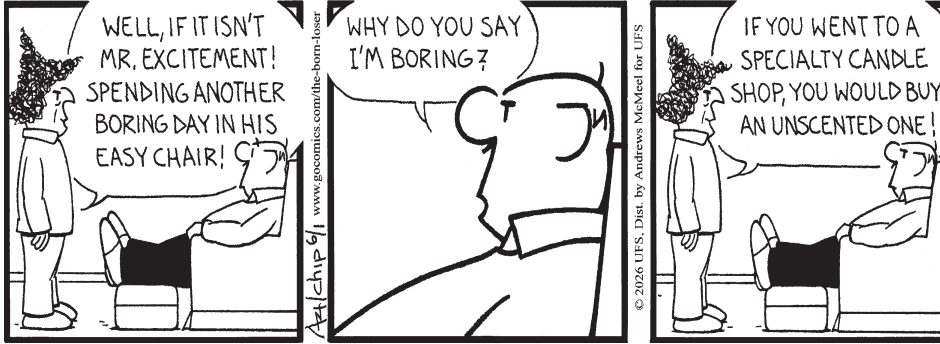
**MODERATELY CONFUSED**



**REALITY CHECK**



**THE BORN LOSER**



**A** CT scan, short for computed tomography scan, is a type of imaging technology that uses computer algorithms to process and combine multiple X-ray images to create a highly detailed 3D image. Unlike conventional X-ray imagery, CT scans are able to create detailed images of soft tissues within the body, including blood vessels, organs, muscles, tumors and fat.

**Scantastic**  
The X-ray mechanism of a CT scanner is located inside a donut-shaped structure called a "gantry." The mechanism rapidly rotates around the patient during the scanning process.

CT scans provide valuable information that can be used to detect, diagnose and treat a variety of ailments, including injuries, blood clots, internal bleeding, cancer or infections.

**Slice Of Life**  
The image produced by a CT scanner is often compared to a loaf of sliced bread. Each pass of the scanner produces a single image, or "slice," of the body. Medical professionals are able to look at each slice individually, or they can combine the slices to create a 3D image of the entire loaf.

**The Big Picture**  
Can you help this technician get to the scanner?

**Shortcuts**  
by jeff harris

**Processing A**

# CT Scan

This edition of Shortcuts is sponsored by Flat Scanley.

I get a lot done for a two-dimensional character.

What trophy is given after scanning a hockey player? The Scanley Cup.

What do you get when you take a CT scan of an irritated llama? A spitting image.

CT scans were originally called EMI scans, after the company that pioneered the early development of the technology.

Some CT scans require the patient to ingest or be injected with a contrast dye that is used to improve the image quality of the scan.

The actual scanning time experienced during a CT scan usually lasts for only a few minutes.

Like X-ray machines, CT scanners use ionizing radiation, but the multiple passes required by a CT scan to produce more images expose the patient to higher levels of radiation.

Industrial CT scans are used in a wide variety of fields, including aviation security, paleontology, archaeology and timber production.

What do you get when you cross a CT scan with a careless celebrity? A CT Scandal.

What comes after a CT scan? A DT scan.

More than 350 million CT scans are produced worldwide each year.