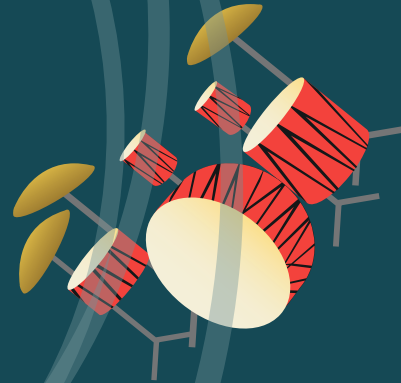
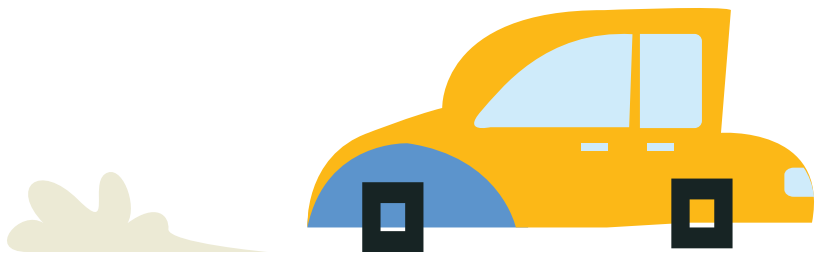
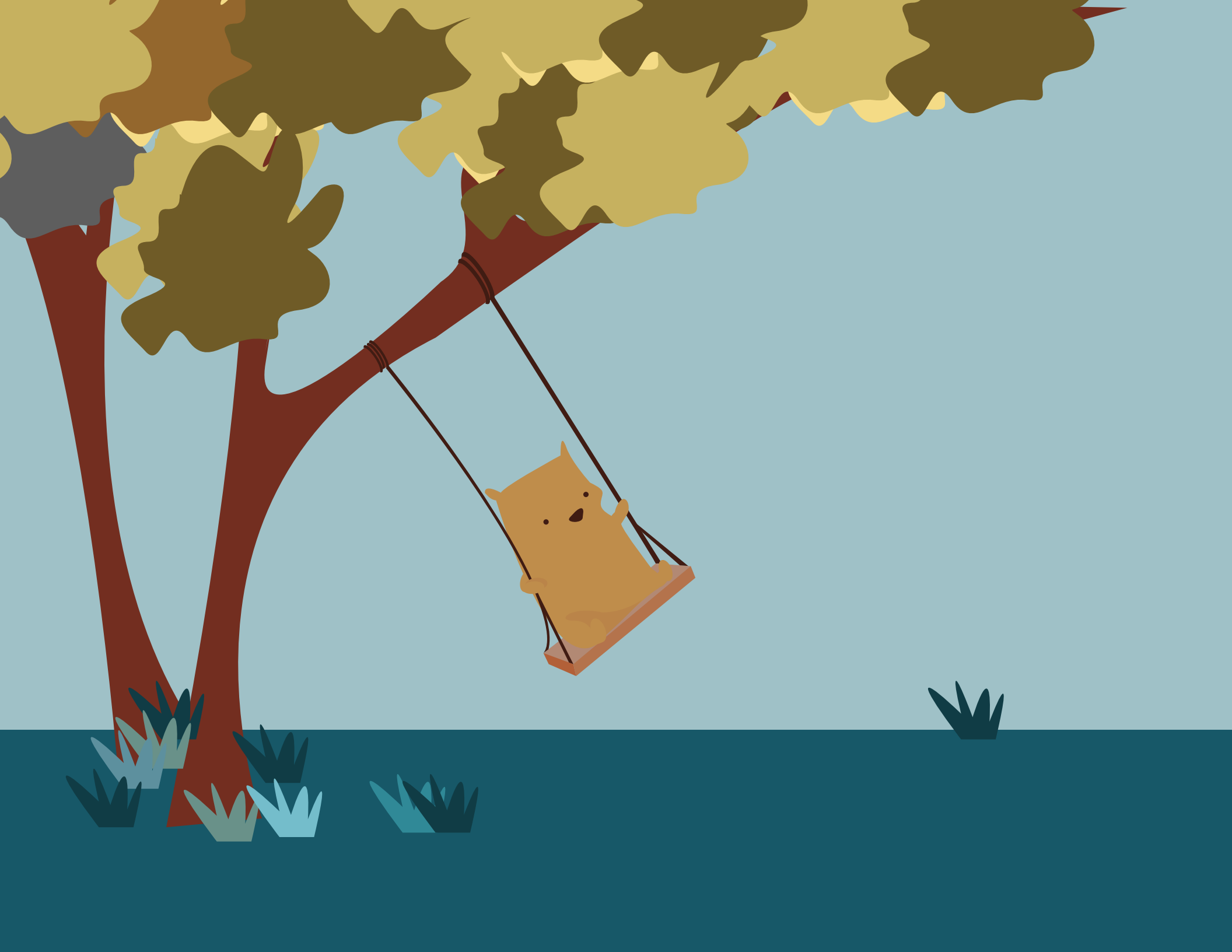


# WHAT IF NO ONE THOUGHT OF PI?



WHAT IF NO ONE  
THOUGHT OF  $\pi$ ?

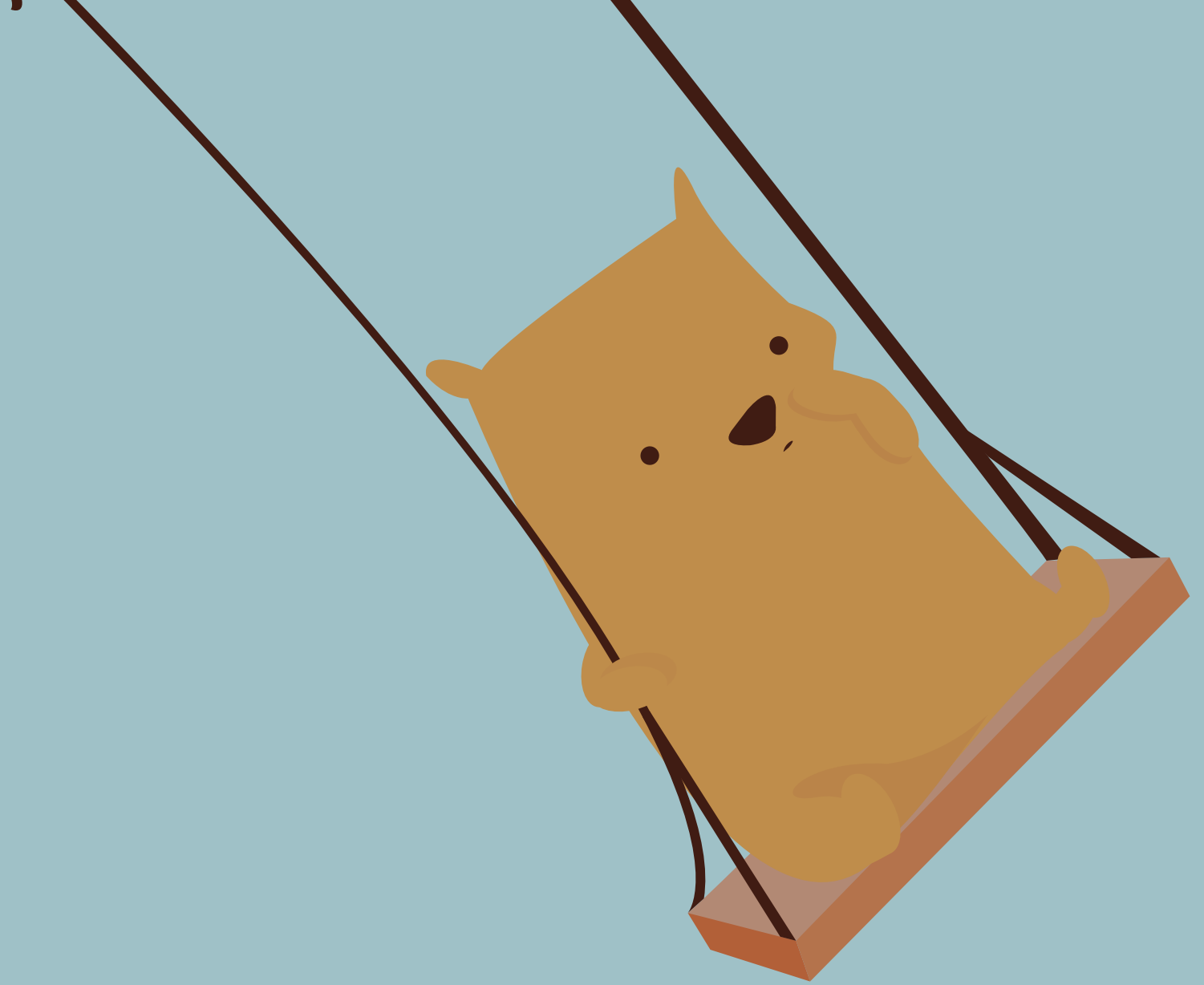




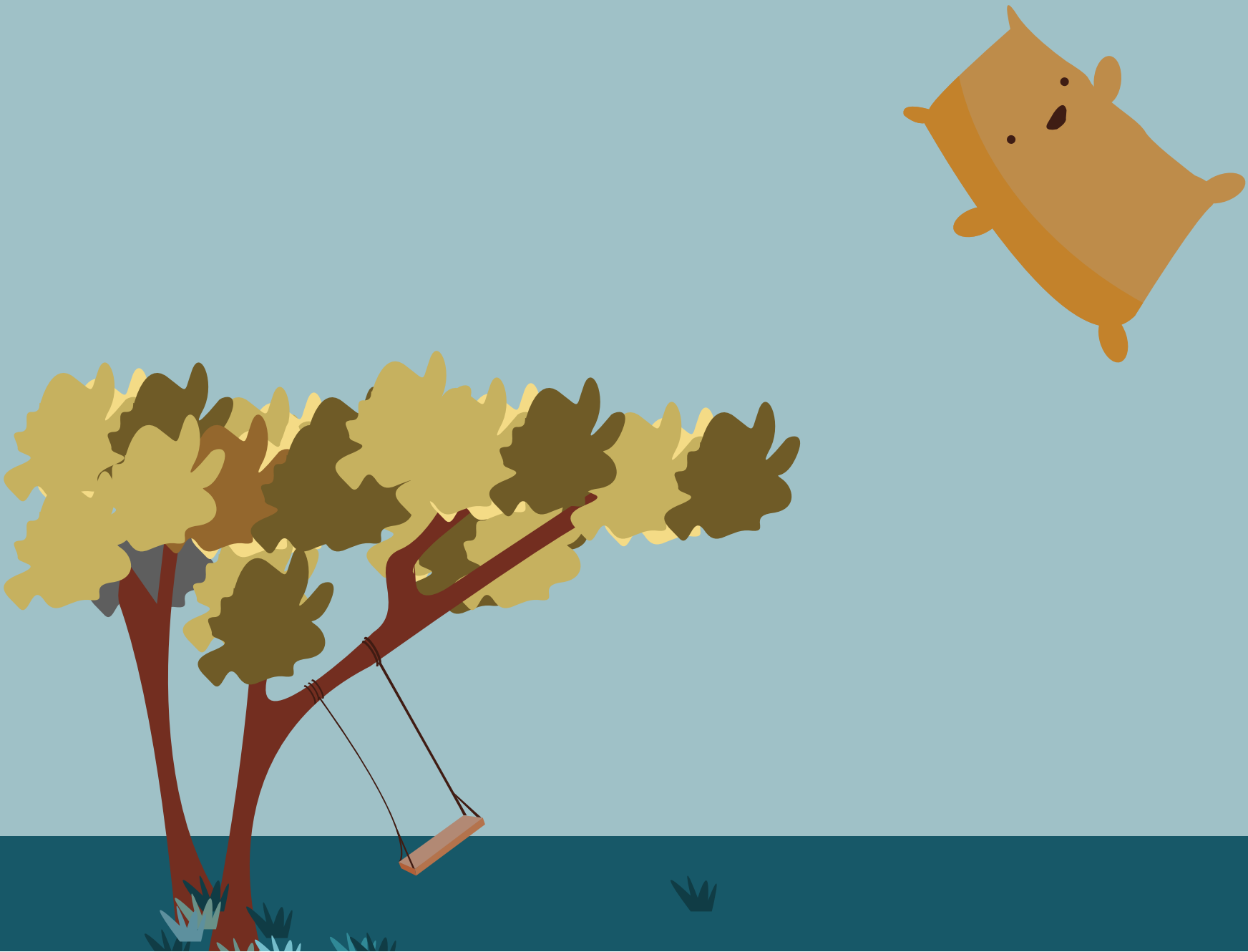


$$\pi = \pi = 3.141592653$$





Little Bear: What if...



...no one thought of pi?



Would planets still be round?



Would we still be able to fly in an airplane?





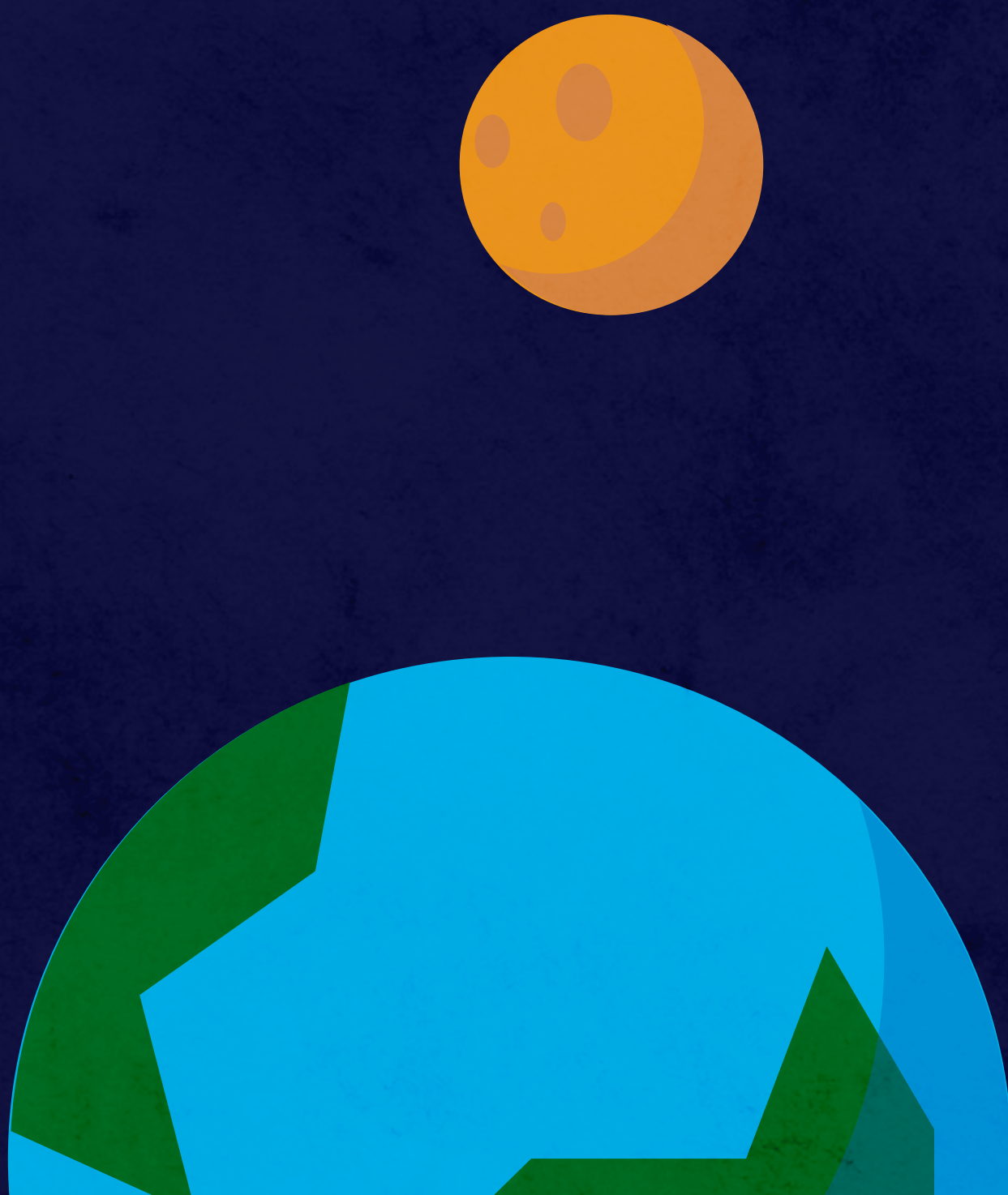
Big Bear: So many questions! Well... If no one had thought of pi, we just wouldn't know how to measure round things on our planet.



Little Bear: But what about wheels? Would they be... square?



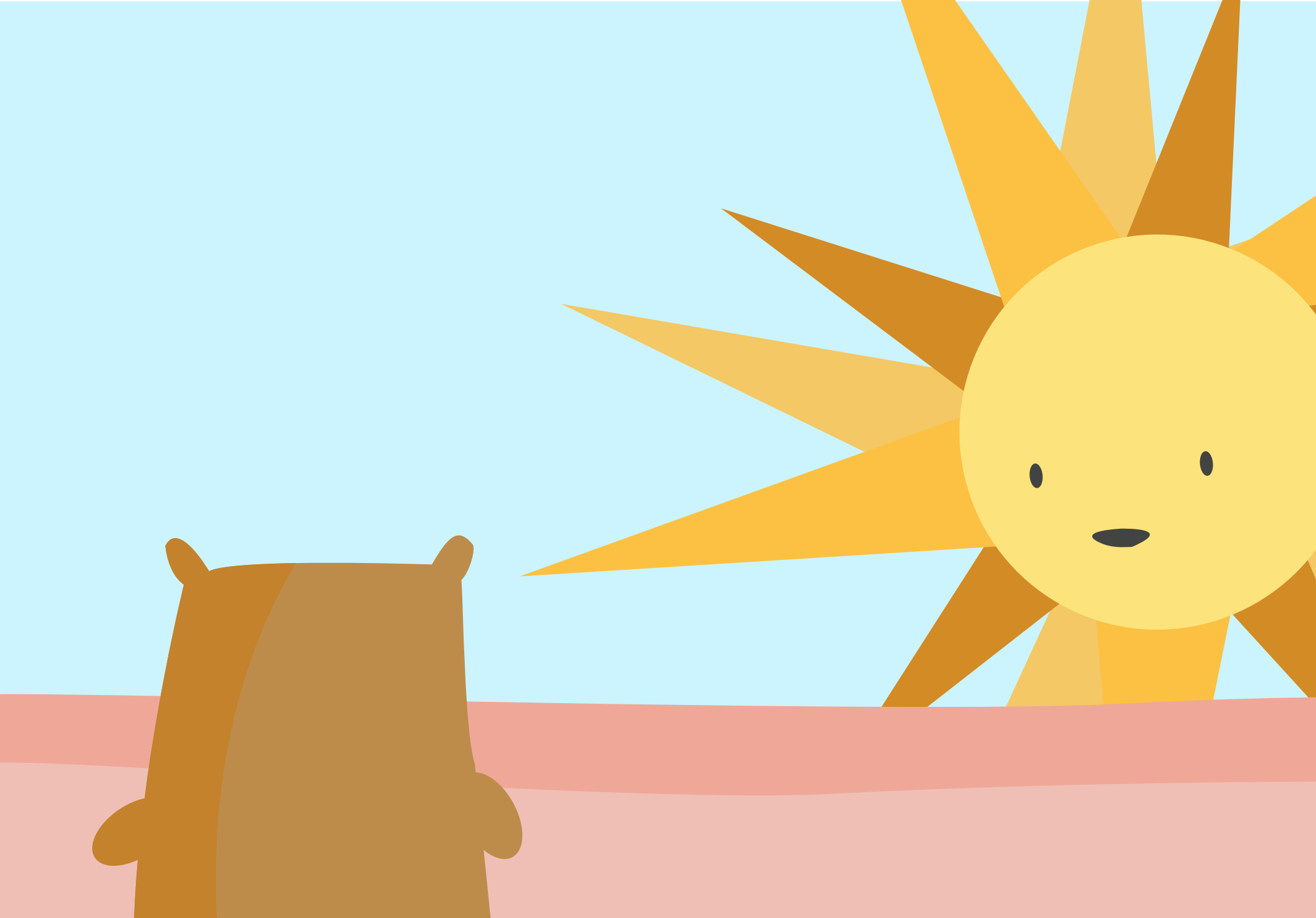
Big Bear: No, silly. If wheels were square, they wouldn't be able to roll!



If no one thought of  $\pi$ , we'd still have the round moon,



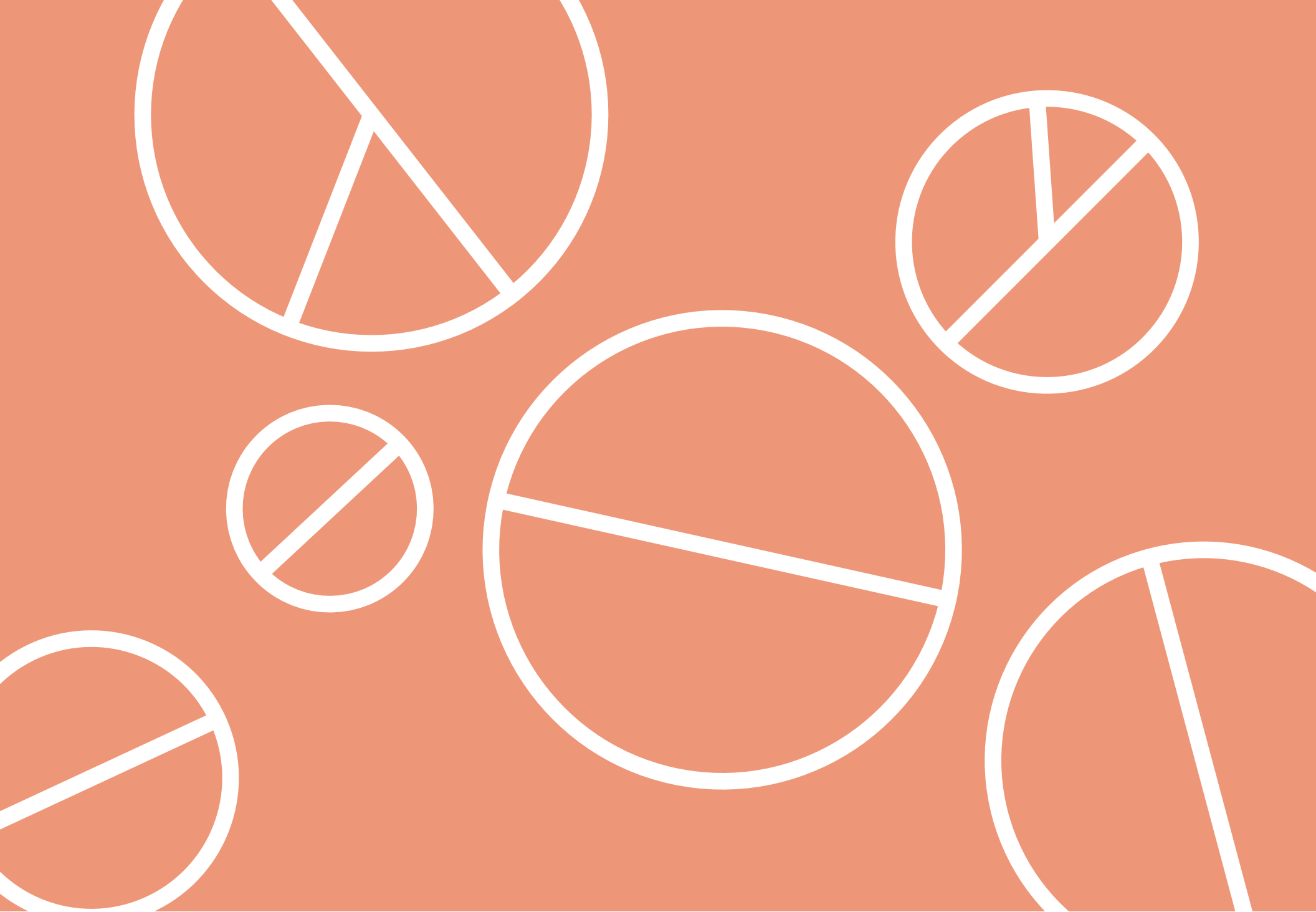
but astronauts wouldn't know how long it would take to get there.



We'd still have a round sun, but we wouldn't know just how big it really is.



We need roundness and rhythm and waves—  
these are all things that are measured by pi.



It is the ratio of a circle's circumference to its diameter, and it's always the same ratio!



3.14159265358979323846264338327950288419  
716939937510582097494459230781640628620  
899862803482534211706798214808651328230  
664709384460955058223172535940812848111  
745028410270193852110555964462294895493  
038196442881097566593344612847564823378  
678316527120190914564856692346034861045  
432664821339360726024914127372458700660  
631558817488152092096282925409171536436  
789259036001133053054882046652138414695  
19415116094330572703657595919530921861173  
81932611793105118548074462379962749567351

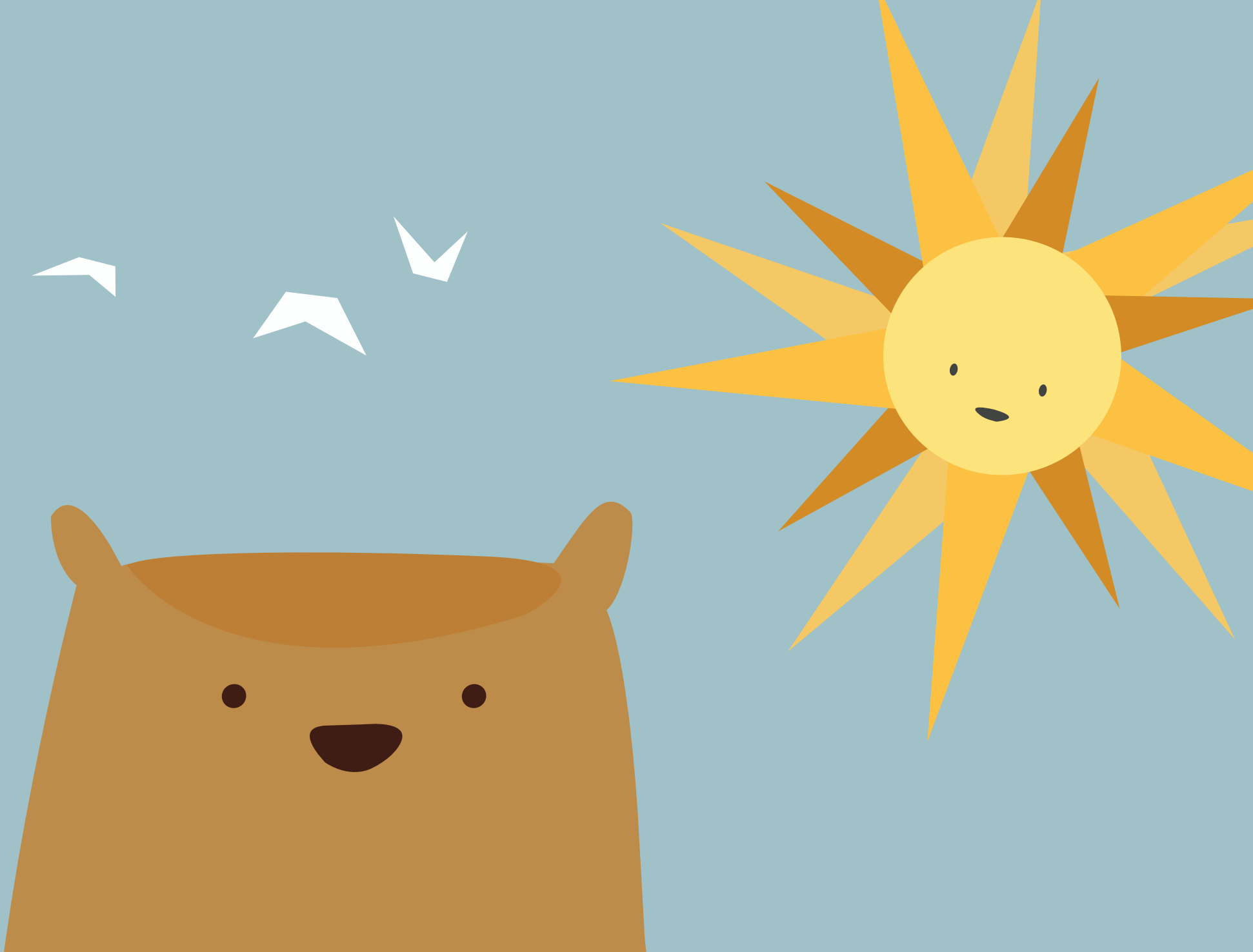
Pi is a mathematical constant that can be calculated to many places past the decimal point without ever repeating the sequence of numbers.



If no one thought of  $\pi$ , we would still look the same with round eyes and ears,



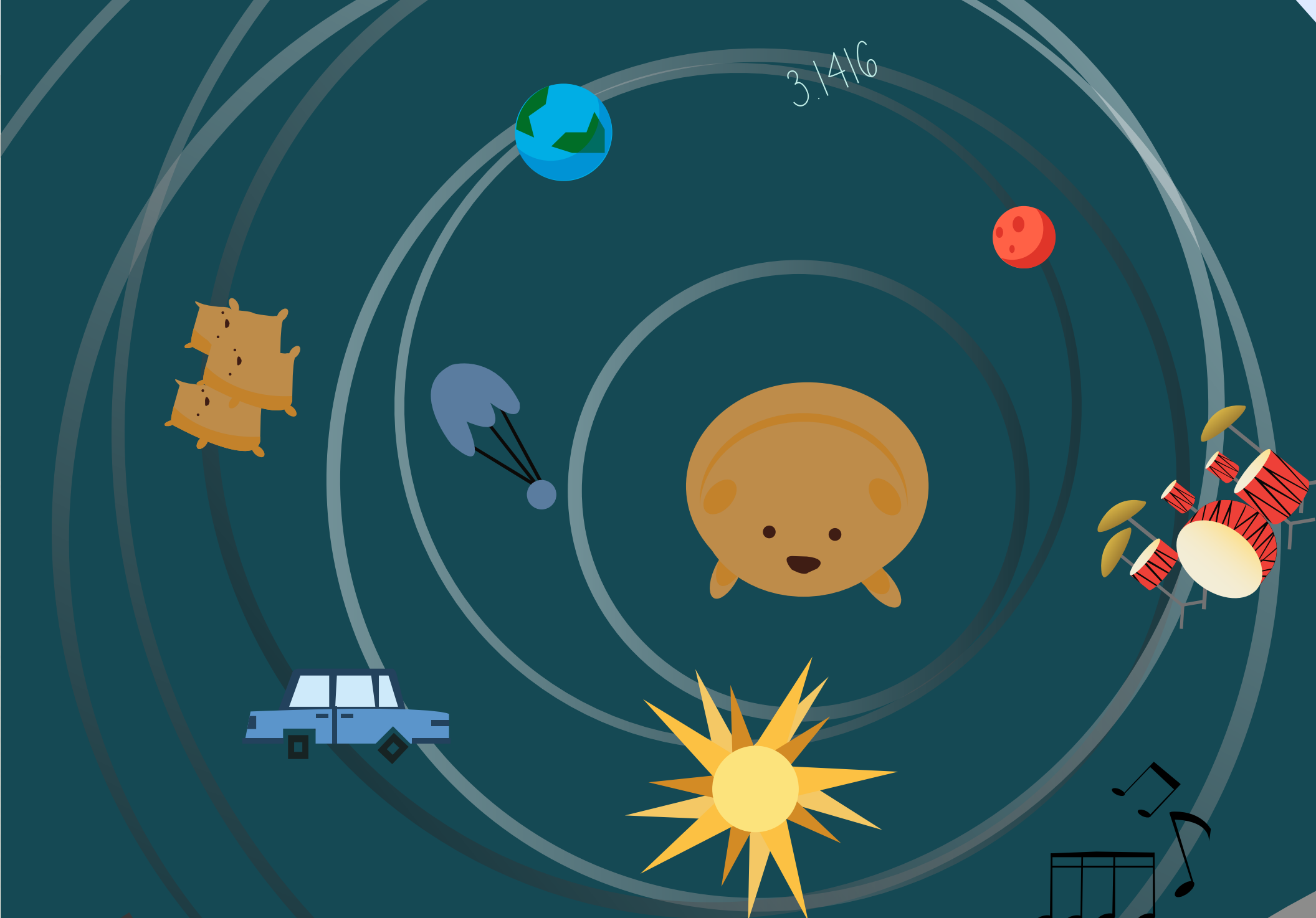
we would still have days and nights,



and the earth would still spin around and around the sun,



but...



we just wouldn't understand so much of our crazy world.



Little Bear: Wow, I'm so glad someone thought of pi.

TAMMY LIAN &  
KAREN MERCADO CAMPOS

