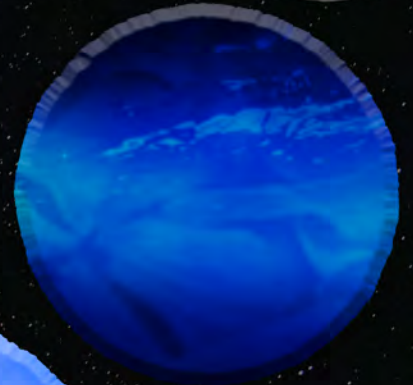
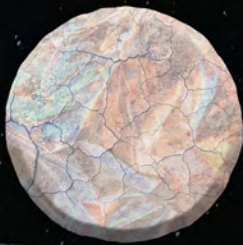


THE LITTLE SPACESHIP'S JOURNEY

BY LIZ WIGGLESWORTH



ONE DAY, THE LITTLE
SPACESHIP DECIDED TO
TAKE A TOUR OF THE
GALAXY.



FIRST, THE LITTLE SPACESHIP
WENT TO MERCURY, WHERE A
YEAR IS ONLY 88 DAYS LONG!
HE MET A LITTLE RED ALIEN,
BUT INSTEAD OF SAYING HELLO,
THE ALIEN SAID:

HOW ODD, THOUGHT THE
LITTLE SPACESHIP. THE
ALIENS SPEAK WITH MATH!



$$3 + 4 = 7$$

$$8 + 11 = 19$$



THE LITTLE SPACESHIP
MOVED ON TO VENUS,
THE BRIGHTEST PLANET
IN THE SOLAR SYSTEM!



$$10 - 6 = 4$$

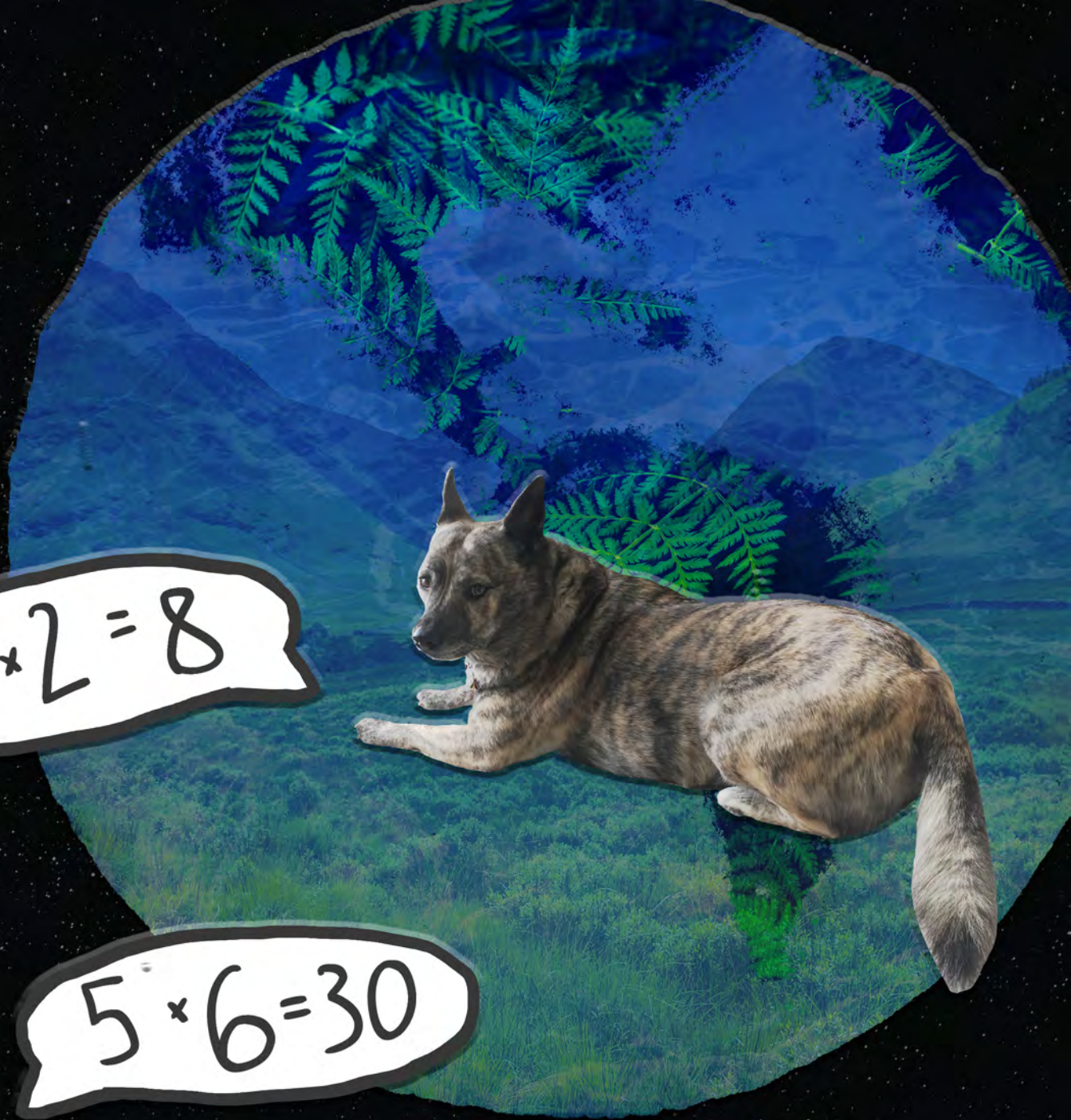
$$6 - 5 = 1$$



NEXT STOP, EARTH -
THE PLANET WITH
LOTS OF LIVING THINGS,
LIKE DOGS AND CATS
AND PEOPLE, TOO! THE
LITTLE SPACESHIP MET
A FRIENDLY DOG, WHO
SAID:

$$4 \times 2 = 8$$

$$5 \times 6 = 30$$



THE LITTLE SPACESHIP
FLEW UNTIL HE REACHED
MARS, THE RED PLANET.
HE MET A MARTIAN WHO
SAID:

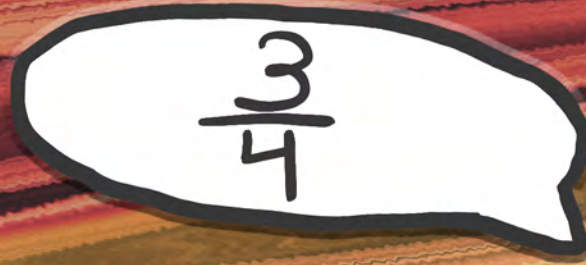


$$12 \div 3 = 4$$

$$18 \div 9 = 2$$



IT WAS A LONG
JOURNEY TO
JUPITER, THE
PLANET WHERE
DAYS ONLY LAST
9.84 HOURS. THE
LITTLE SPACESHIP
MET AN ALIEN
WHO GREETED HIM
WITH A FRACTION!



SATURN WAS EASY TO
SEE WITH ITS LARGE
RINGS MADE OF ROCK
AND ICE. THE LITTLE
SPACESHIP MADE
FRIENDS WITH AN ALIEN
WHO SAID:

$$2^3 = 8$$

$$5^2 = 25$$



NEXT ON HIS JOURNEY
WAS URANUS, THE
PLANET WITH 27 MOONS.
AN ALIEN GREETED THE
LITTLE SPACESHIP BY
SAYING:

$$y = 3x^2 + 41x + 2$$

$$(2x+1)(x-5)$$



THE LITTLE
SPACESHIP THEN
FLEW TO NEPTUNE,
THE PLANET NAMED
AFTER THE ROMAN
GOD OF THE SEA.
THERE HE MET AN
ALIEN WHO SAID:



$$\lim_{x \rightarrow \infty} e^x = \infty$$

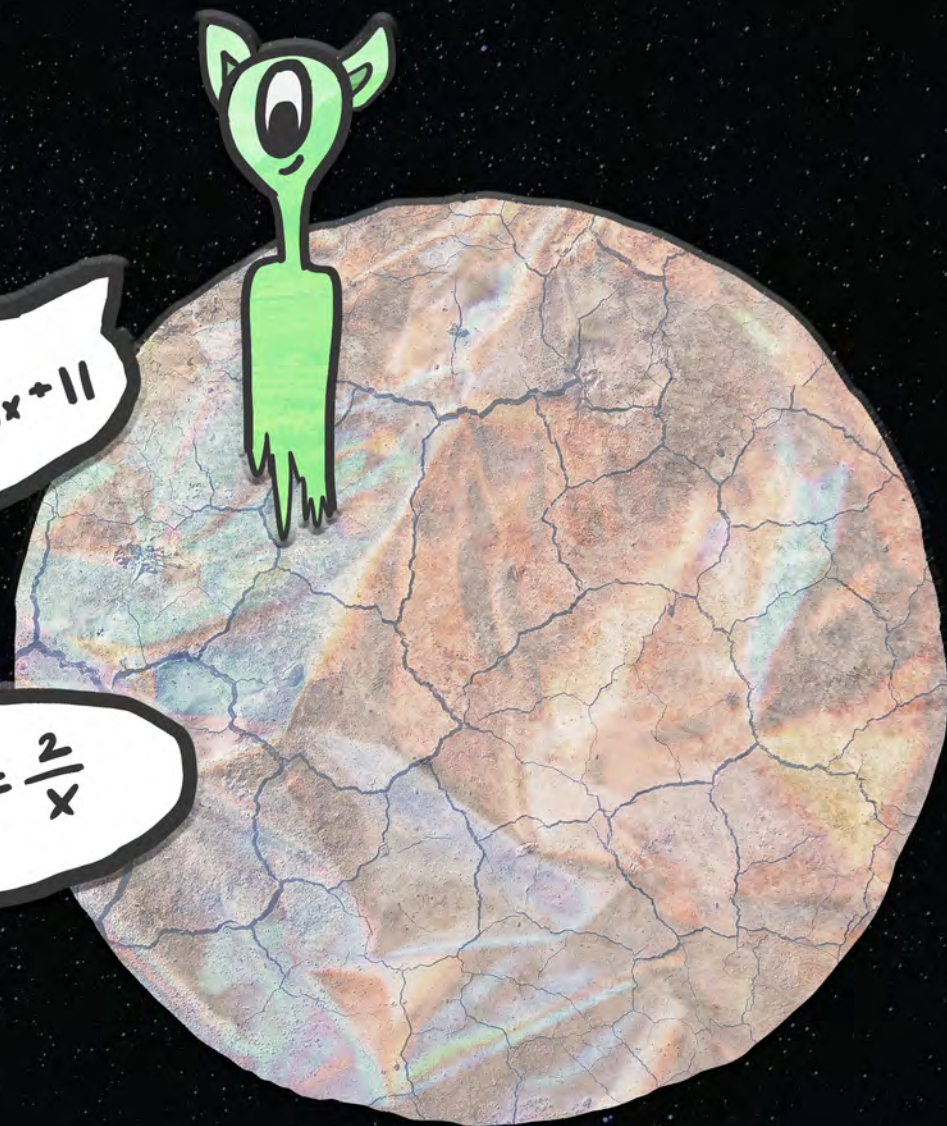
$$\lim_{x \rightarrow \infty} \frac{5x^3 + 12}{x - 8} = -\infty$$



FINALLY, THE LITTLE SPACESHIP
VISITED PLUTO, THE SMALL,
DISTANT DWARF PLANET. THERE
WAS A LITTLE GREEN ALIEN
WHO SAID:

$$\frac{d}{dx} 4x^2 + 11x + 1 = 8x + 11$$

$$\frac{d}{dx} \ln(x^2) = \frac{2}{x}$$





THE LITTLE SPACESHIP
MADE LOTS OF NEW
FRIENDS DURING HIS
TRAVELS! NOW THAT HE
UNDERSTOOD THE ALIENS'
LANGUAGE, HE WAS READY
TO EXPLORE THE REST OF
THE GALAXY.

TEXTURES LICENSED CCO FROM UNSPLASH.COM.
SPACE FACTS FROM PLANETSFORKIDS.ORG.

AP CALCULUS BC 2018-2019