

# Outer Space

learning binder

Thank you for downloading this free printable learning binder.  
It is suitable for children 3-5 years old.

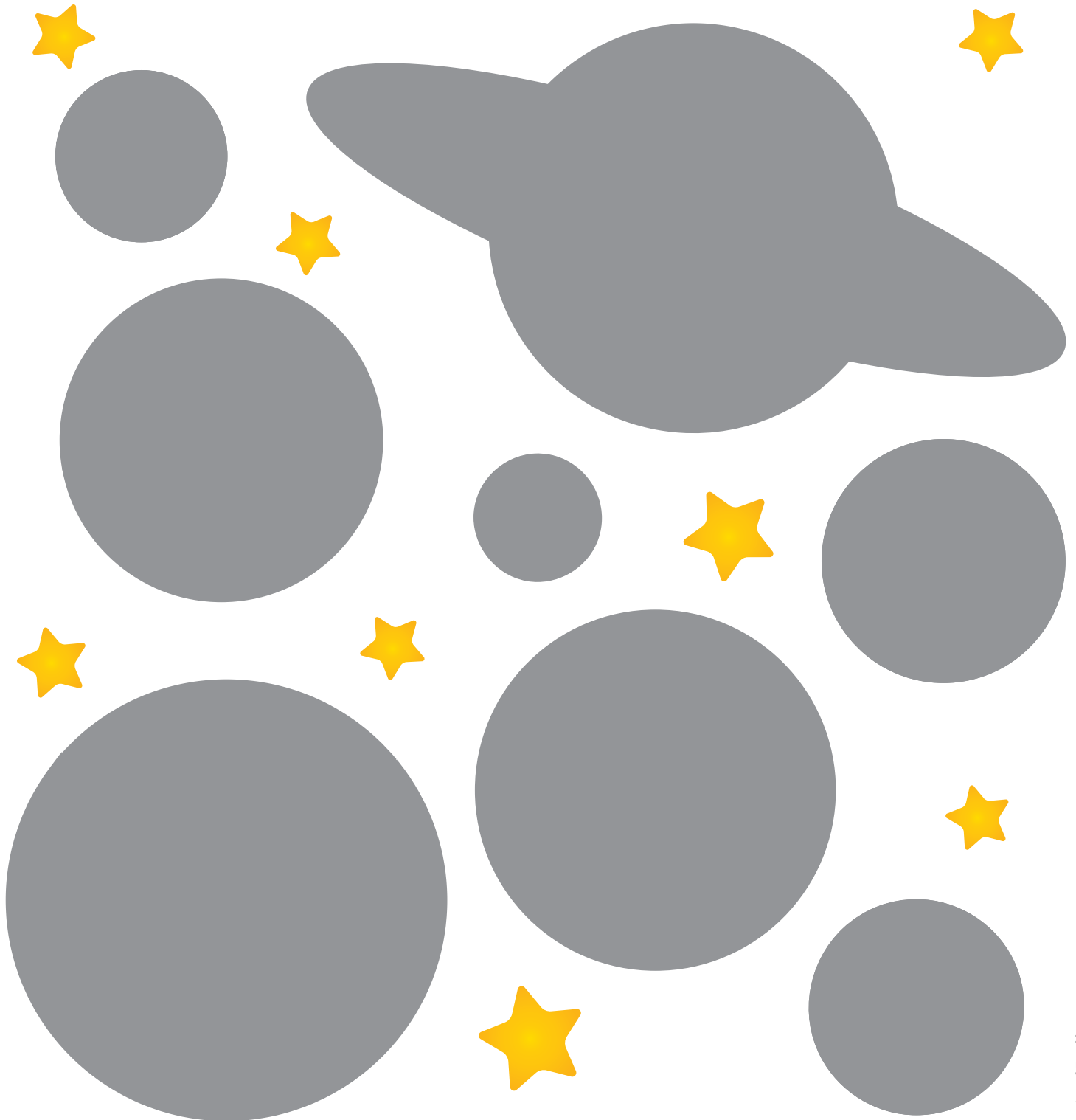
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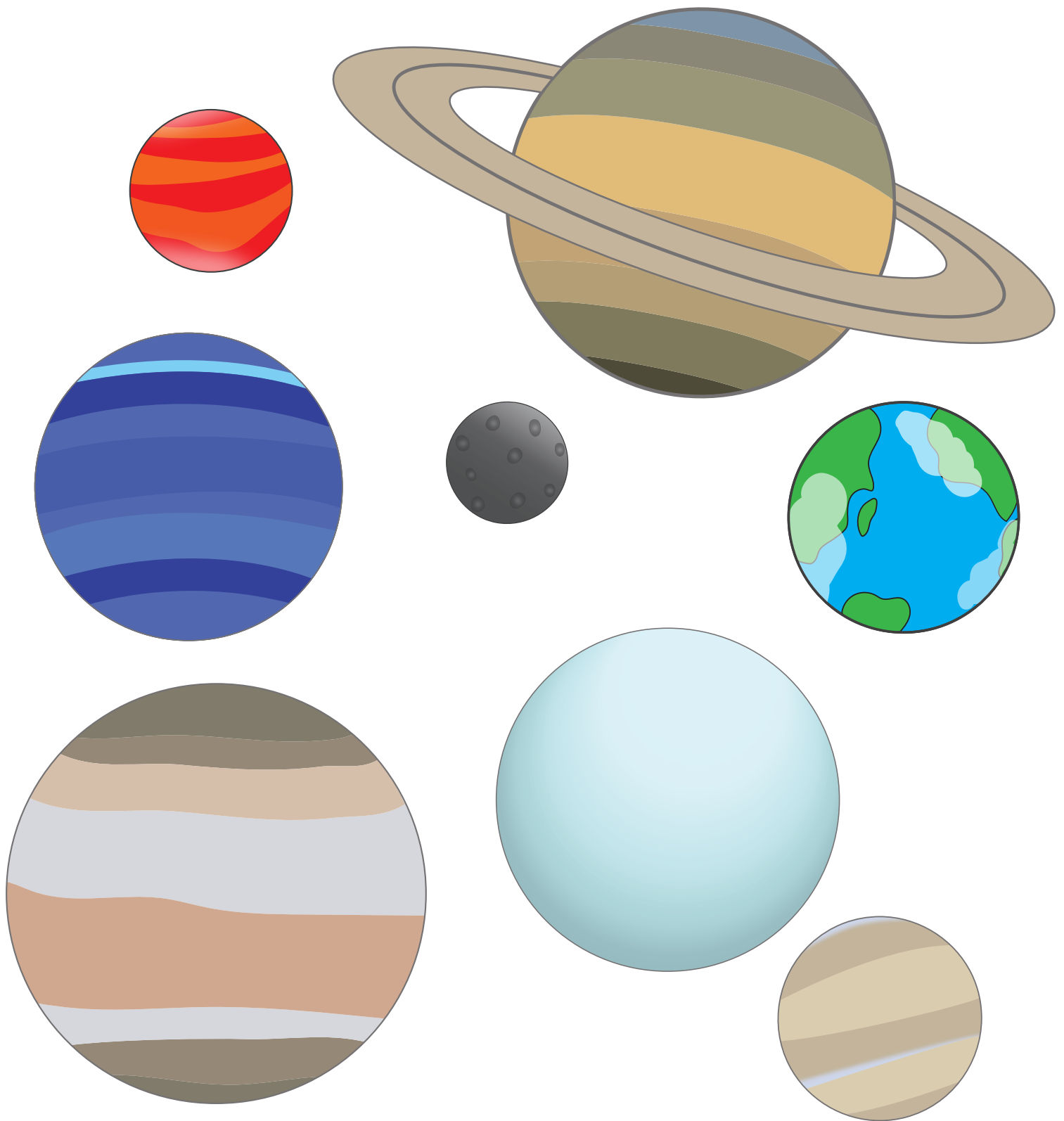


There are eight planets in our solar system.  
They are called: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

Match the planets to their shadows.

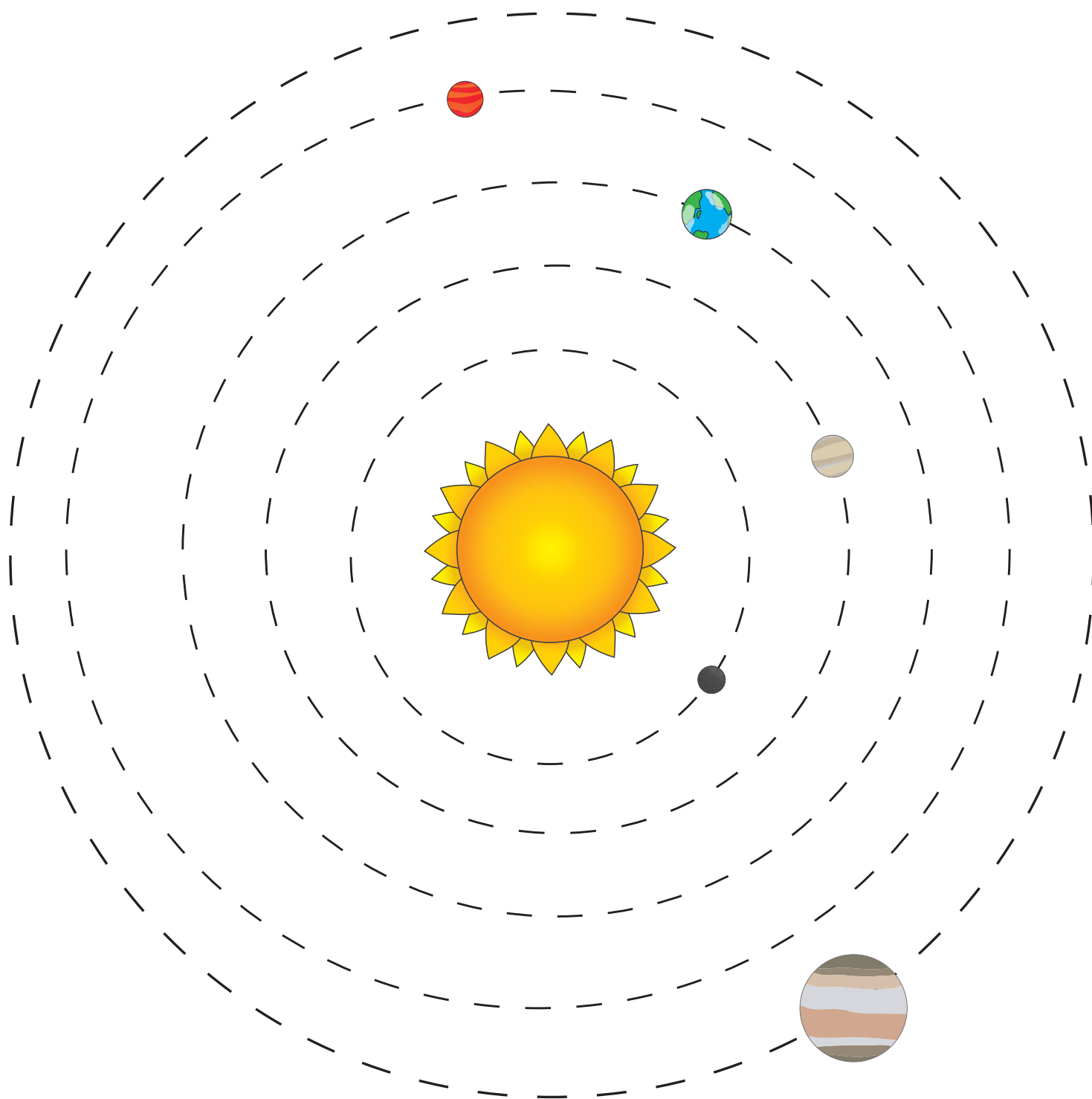


Cut out the planets for shadow matching (p. 2)



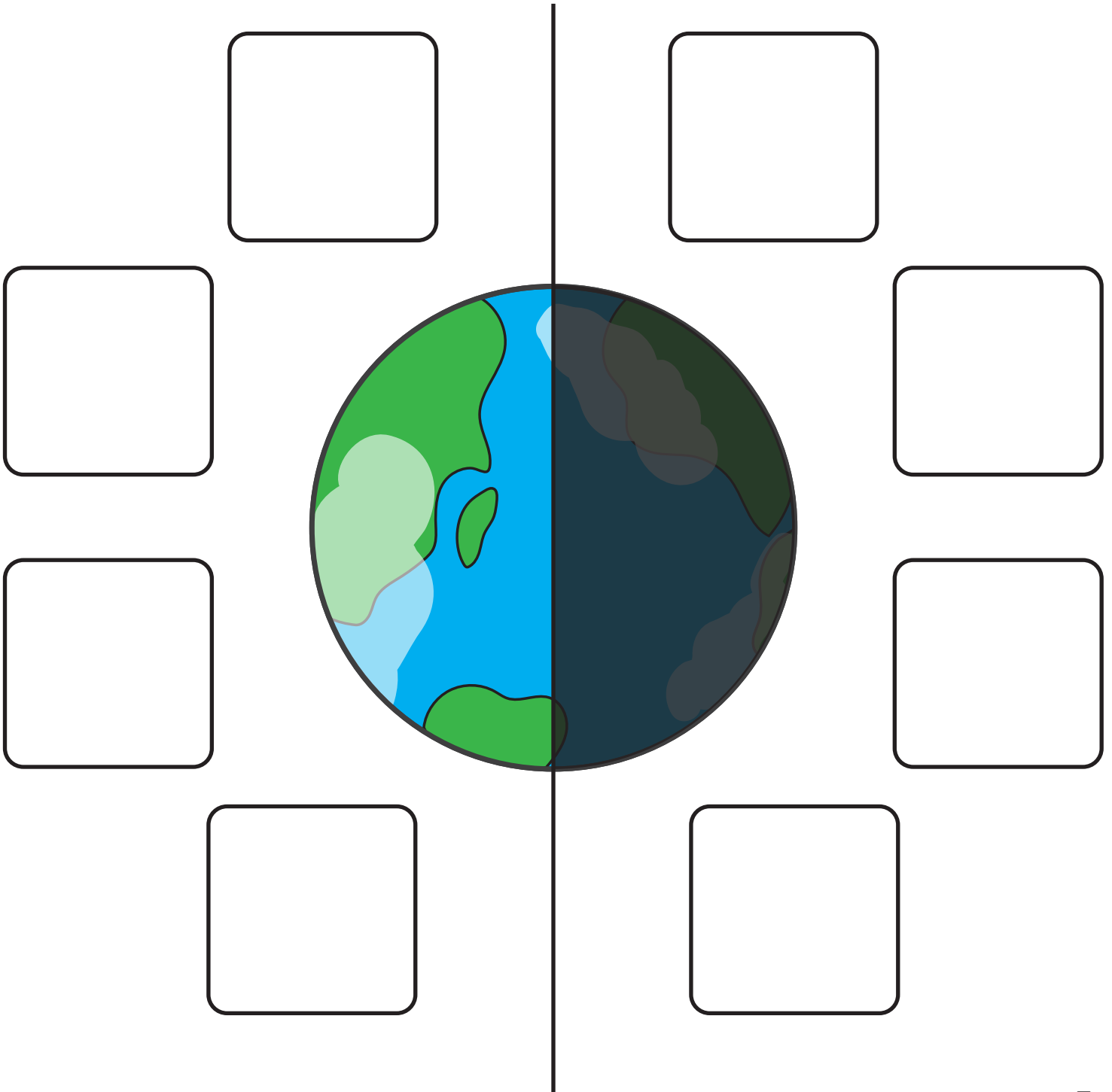
Here is the Sun.  
The planets travel around the Sun in irregular circles.

Trace them with your fingers or a marker.

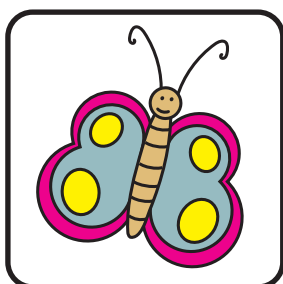
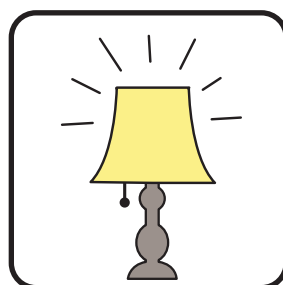
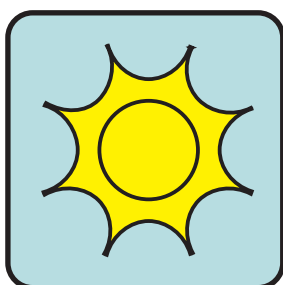
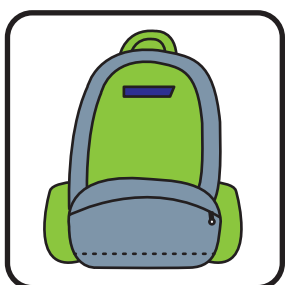


And this is our planet Earth.  
The Earth spins around itself like a spinning top  
which creates the cycle of the day and night.

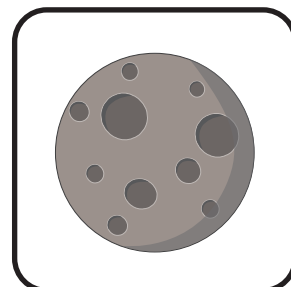
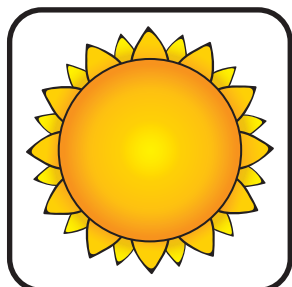
Sort the pictures by the time of the day.



## Day and night sorting (p. 5)

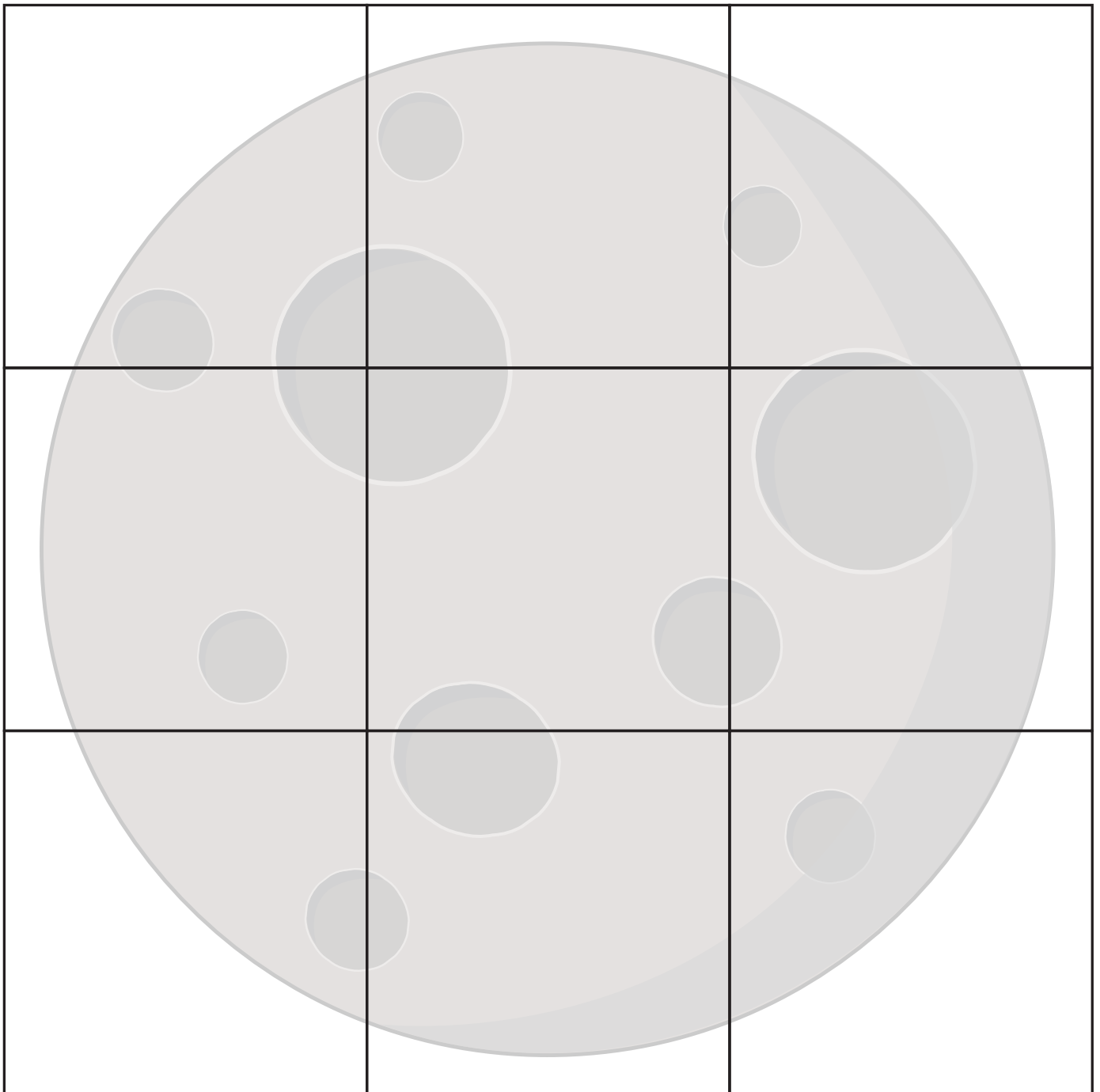


## Pattern cut-outs (p. 17)

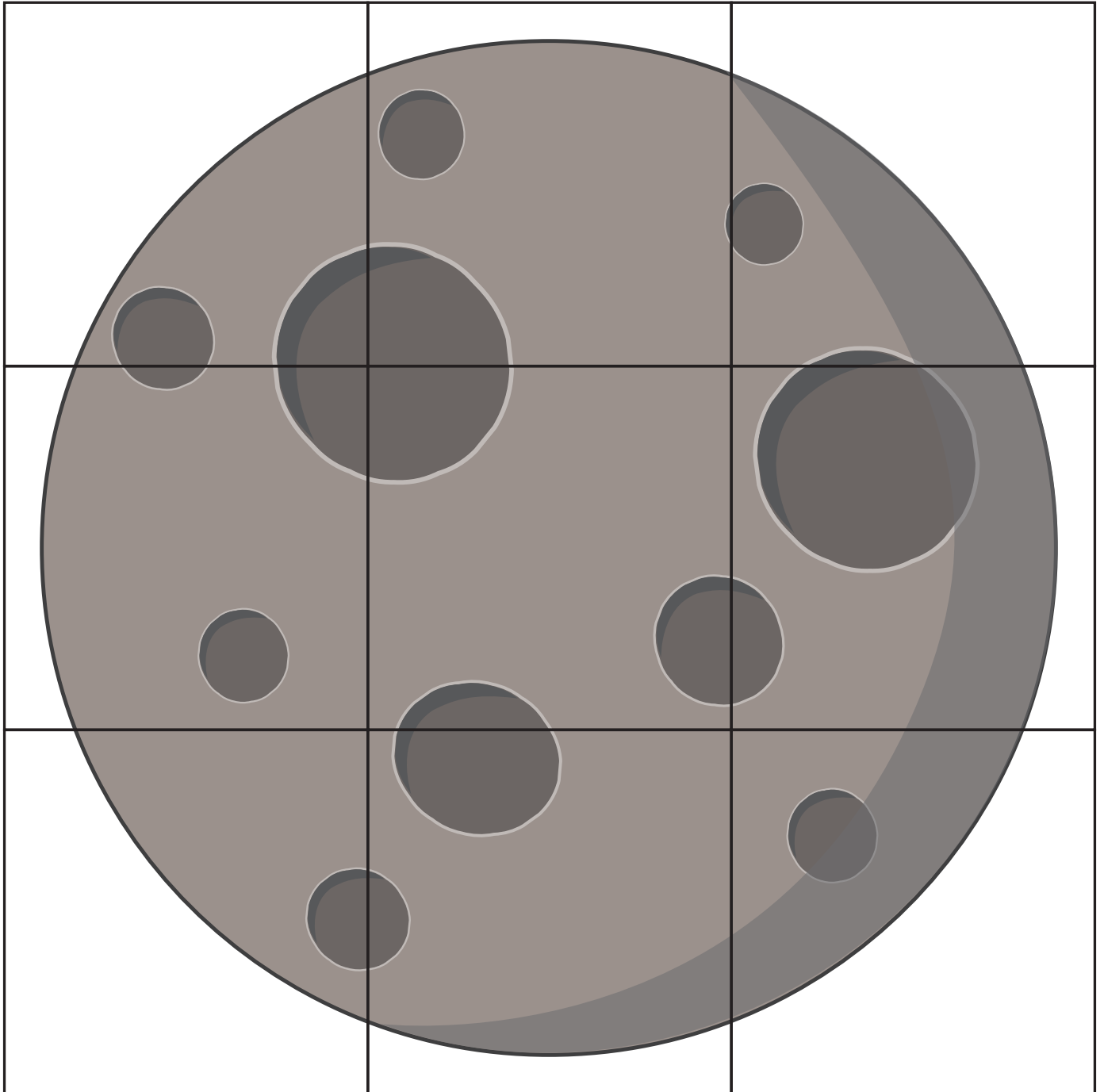


Planet Earth has one moon. We call it the Moon.

Can you build this Moon puzzle?



Cut out the pieces for the Moon puzzle (p. 7)





People have always been fascinated by the outer space.  
We build rockets, satellites, and space shuttles in order to learn more about it.

This rocket is taking off.  
Trace the numbers and send the rocket to space.

10

9

8

7

6

5

4

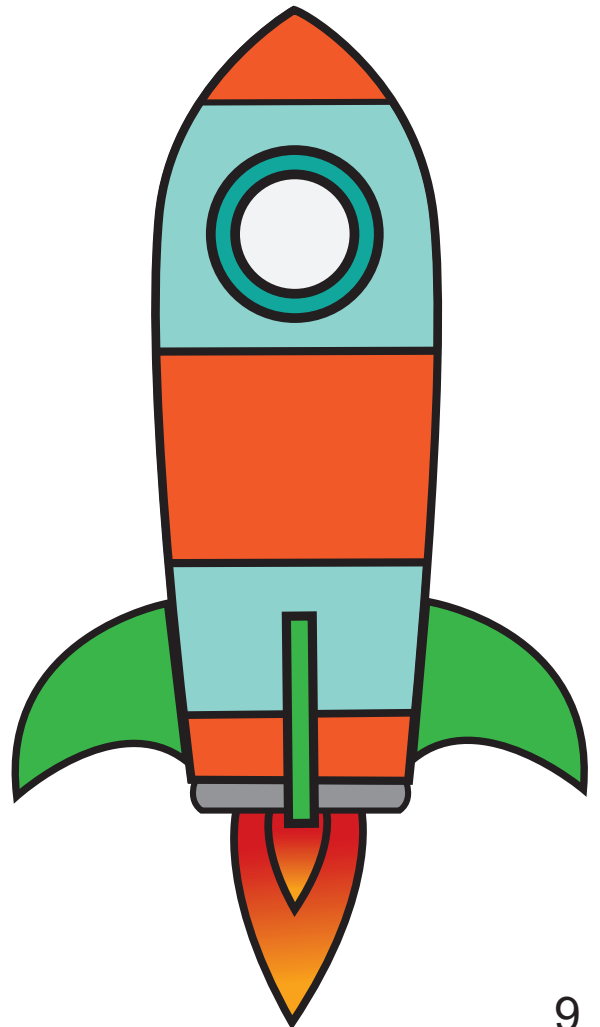
3

2

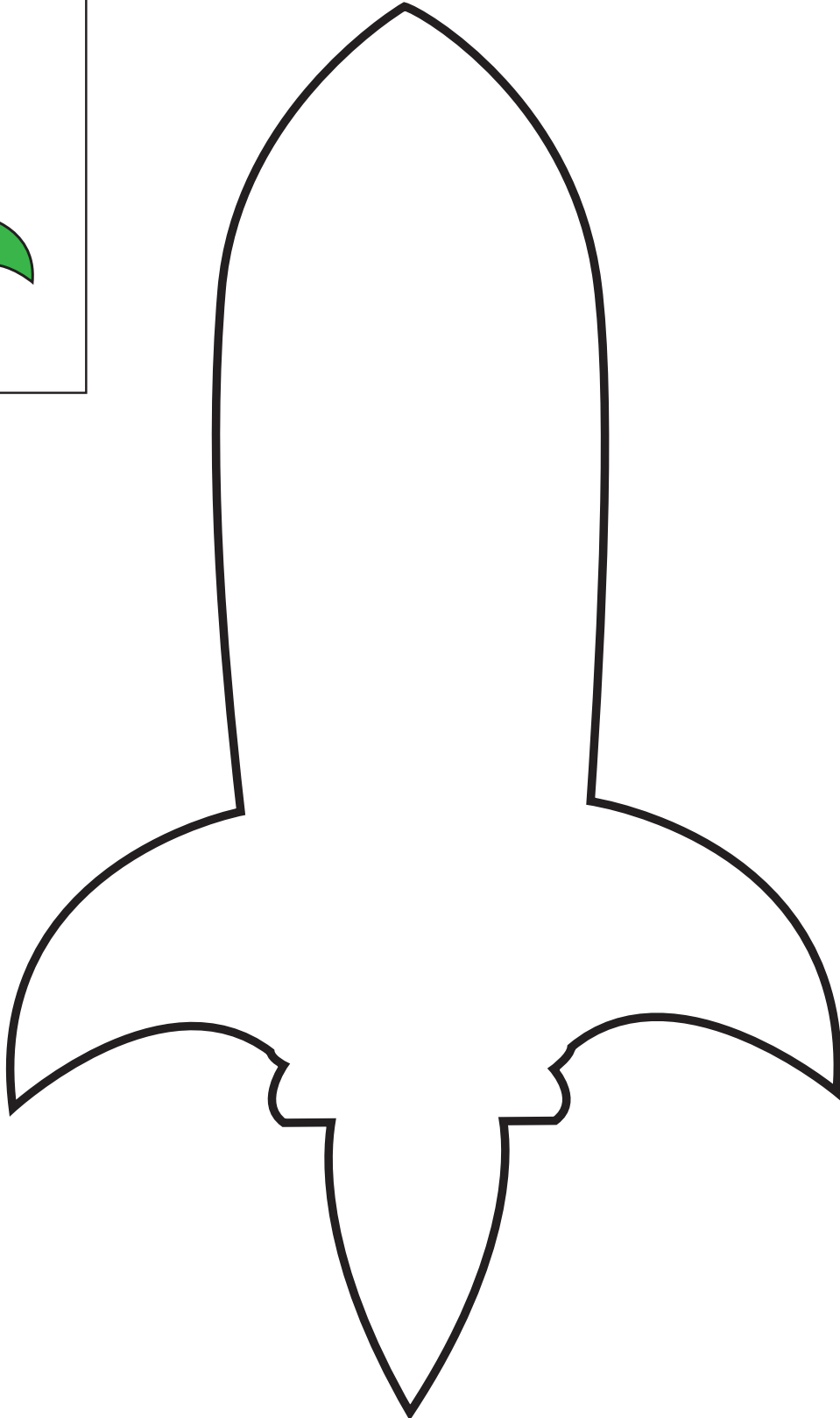
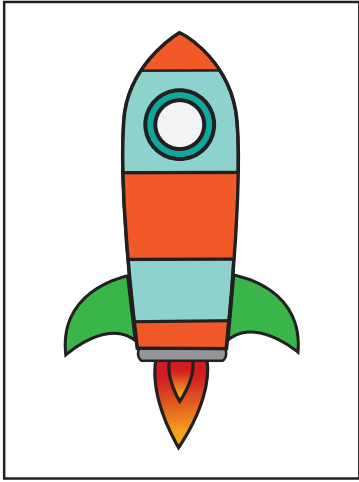
1

0

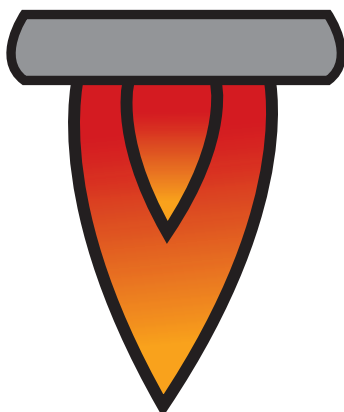
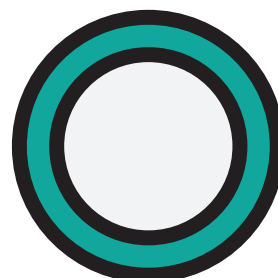
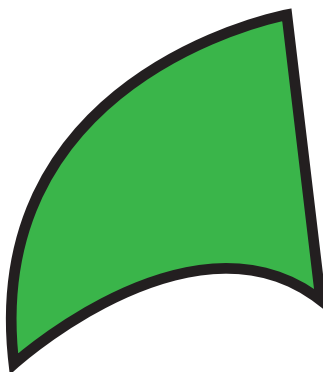
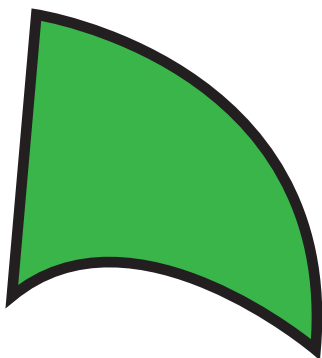
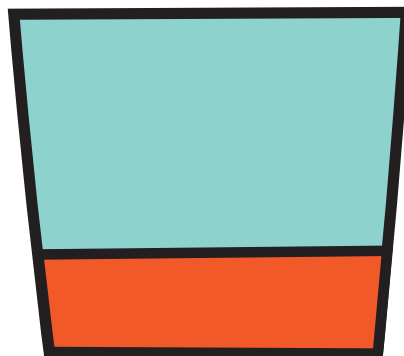
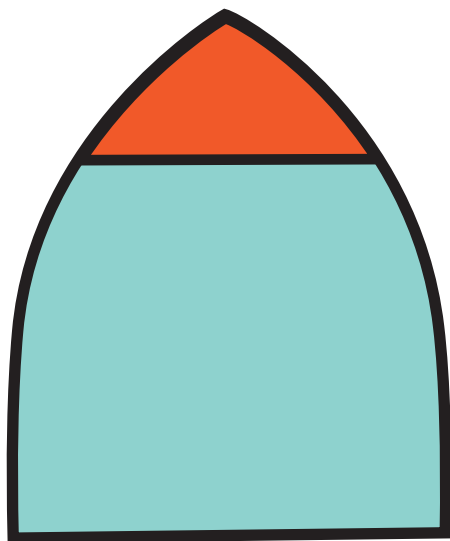
Blast off!



Can you build the rocket?



Cut out the rocket pieces (p.10)

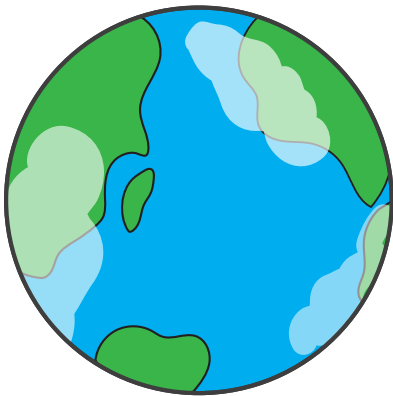
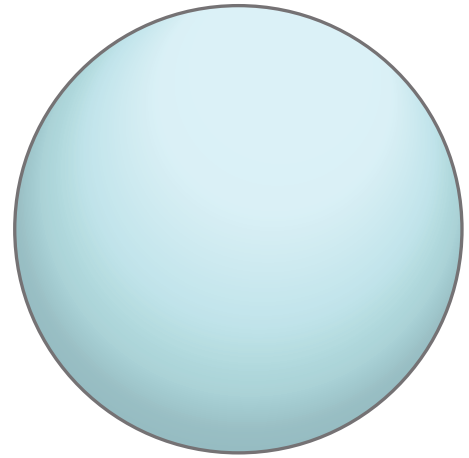
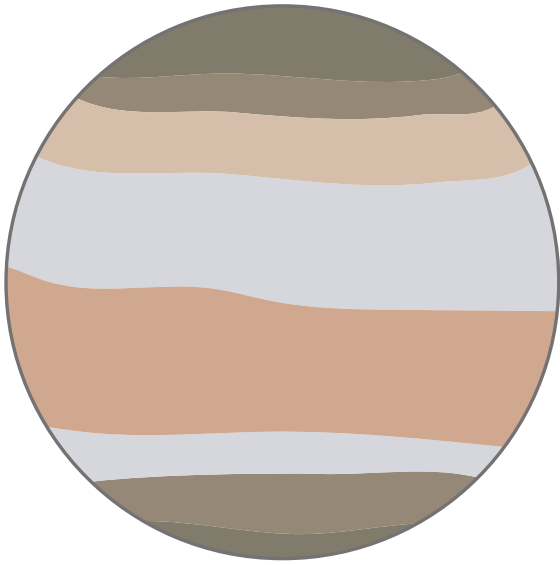


The planets come in many different sizes, from dwarf planets to enormous ones.

Order these four planets by size. Start from the BIGGEST.

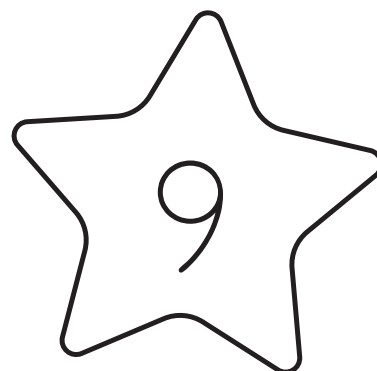
1	2
3	4

Planets for ordering by size (p. 12)

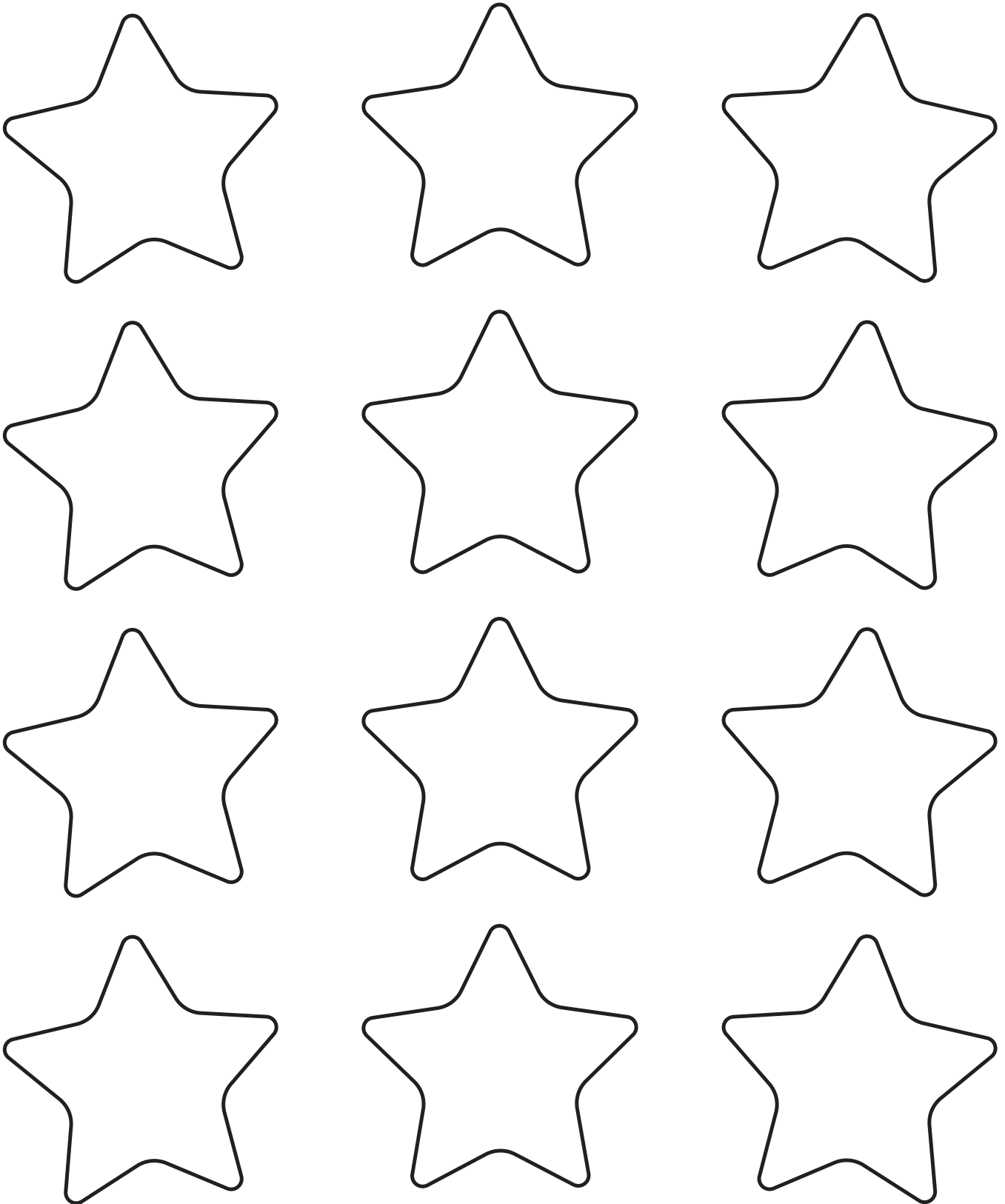


There are way more stars in space than we are able to count.  
They also come in different colors: red, blue, and yellow.

Match the numbers and stars.



Can you order the stars from 1-12?



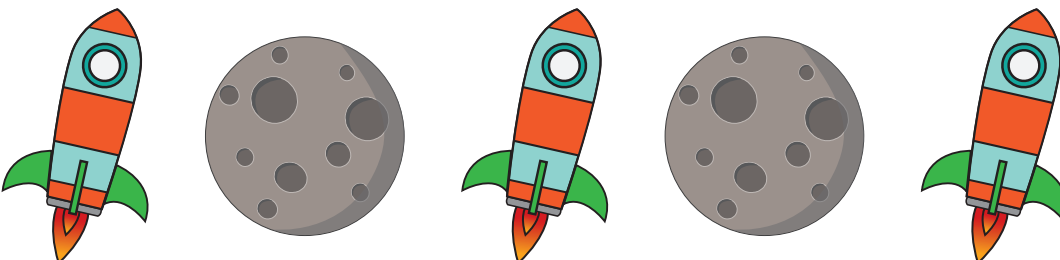
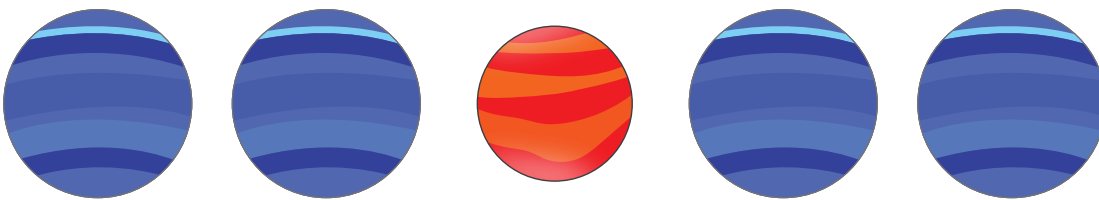
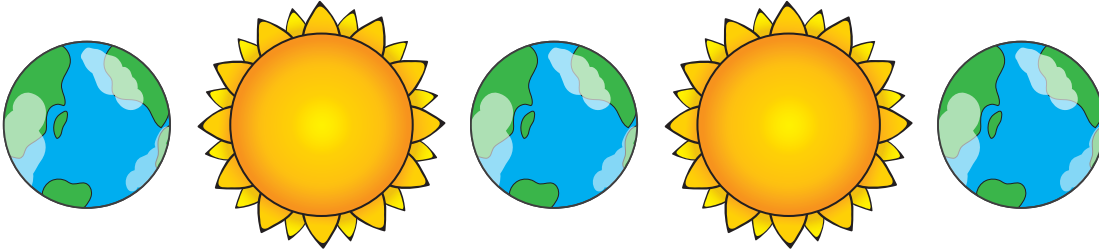
Cut out the stars for number matching (p.14-15)





Take a close look at these planets. They create a pattern.

Choose what comes next!



From our point of view, space is actually a vast empty area.  
The distance from one planet to another is really HUGE.

Trace the lines from the Sun to the planets.

