

# Solar System



## Activity Pages



## **Information about the cryptogram puzzles.**

There are two cryptogram puzzles in this set of activity pages. Both of them have the same solution. The first cryptogram puzzle gives one extra letter on the lines to make it a little easier to solve the puzzle.

Trial and error, reasoning and deduction are needed to solve a cryptogram. Usually it is best to try to get the smaller words solved first. Also be aware of the subject of the activity pages.

# Criss Cross

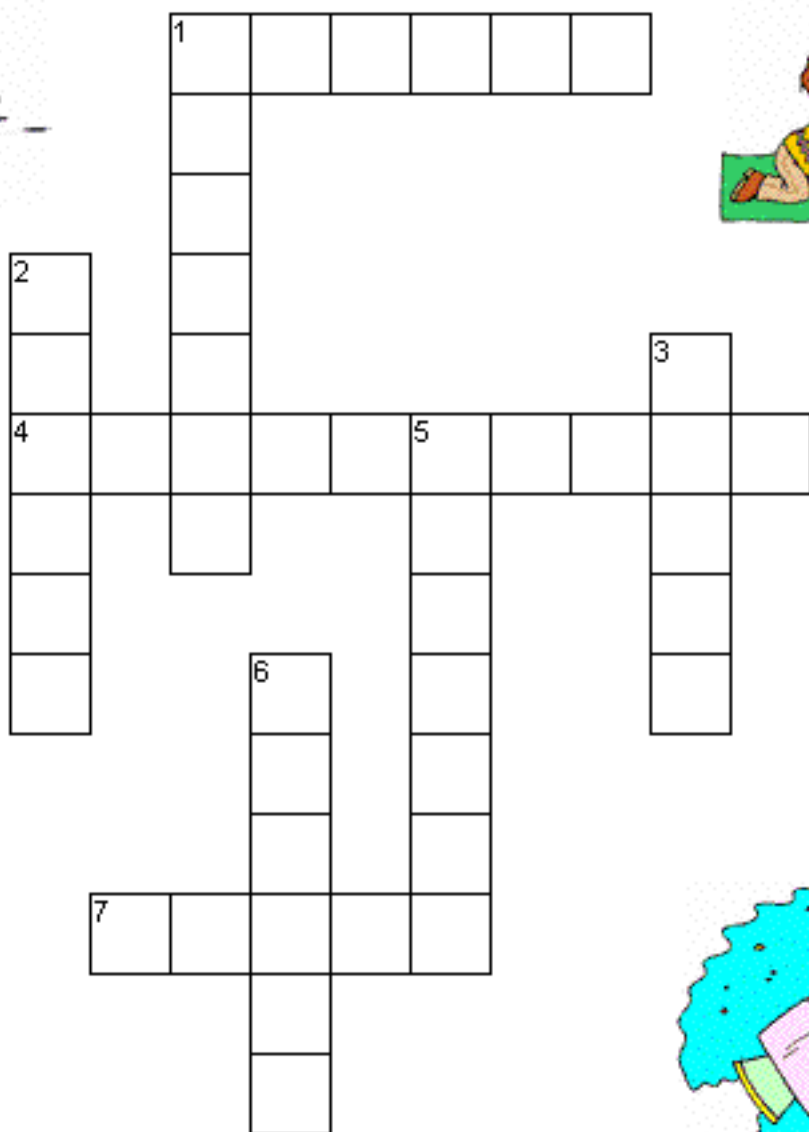
Fit the words into the squares.

galaxy  
Venus

rotate  
astronomer

Neptune  
space

Uranus  
gravity



# Cryptogram

Can you figure out what the message says?

Not too hard.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
													11				18	13	6						

$\frac{T}{6}$     $\frac{R}{20}$     $\frac{1}{1}$     $\frac{R}{18}$     $\frac{1}{1}$   
  $\frac{R}{4}$     $\frac{R}{18}$     $\frac{1}{1}$   
  $\frac{N}{11}$     $\frac{N}{16}$     $\frac{11}{11}$     $\frac{1}{1}$



$\frac{N}{21}$     $\frac{T}{24}$     $\frac{S}{4}$     $\frac{N}{11}$     $\frac{1}{1}$     $\frac{6}{13}$     $\frac{N}{16}$     $\frac{11}{11}$



$\frac{R}{8}$     $\frac{23}{18}$     $\frac{S}{13}$     $\frac{8}{24}$     $\frac{4}{18}$     $\frac{R}{13}$     $\frac{S}{14}$     $\frac{S}{13}$     $\frac{T}{6}$     $\frac{1}{15}$

# Cryptogram

Can you figure out what the message says?

A little harder.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
													11				18	13							

$$\frac{\quad}{6} \quad \frac{\quad}{20} \quad \frac{\quad}{1} \quad \frac{R}{18} \quad \frac{\quad}{1}$$

$$\frac{\quad}{4} \quad \frac{R}{18} \quad \frac{\quad}{1}$$

$$\frac{N}{11} \quad \frac{\quad}{16} \quad \frac{N}{11} \quad \frac{\quad}{1}$$



$$\frac{\quad}{21} \quad \frac{\quad}{24} \quad \frac{\quad}{4} \quad \frac{N}{11} \quad \frac{\quad}{1} \quad \frac{\quad}{6} \quad \frac{S}{13} \quad \frac{\quad}{16} \quad \frac{N}{11}$$

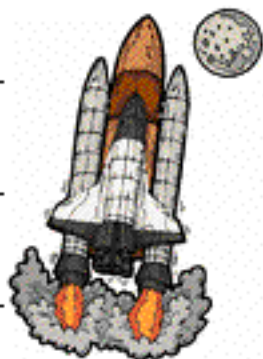


$$\frac{\quad}{8} \quad \frac{\quad}{23} \quad \frac{R}{18} \quad \frac{S}{13} \quad \frac{\quad}{8} \quad \frac{\quad}{24} \quad \frac{\quad}{4} \quad \frac{R}{18} \quad \frac{S}{13} \quad \frac{S}{13} \quad \frac{\quad}{6} \quad \frac{\quad}{1} \quad \frac{\quad}{15}$$



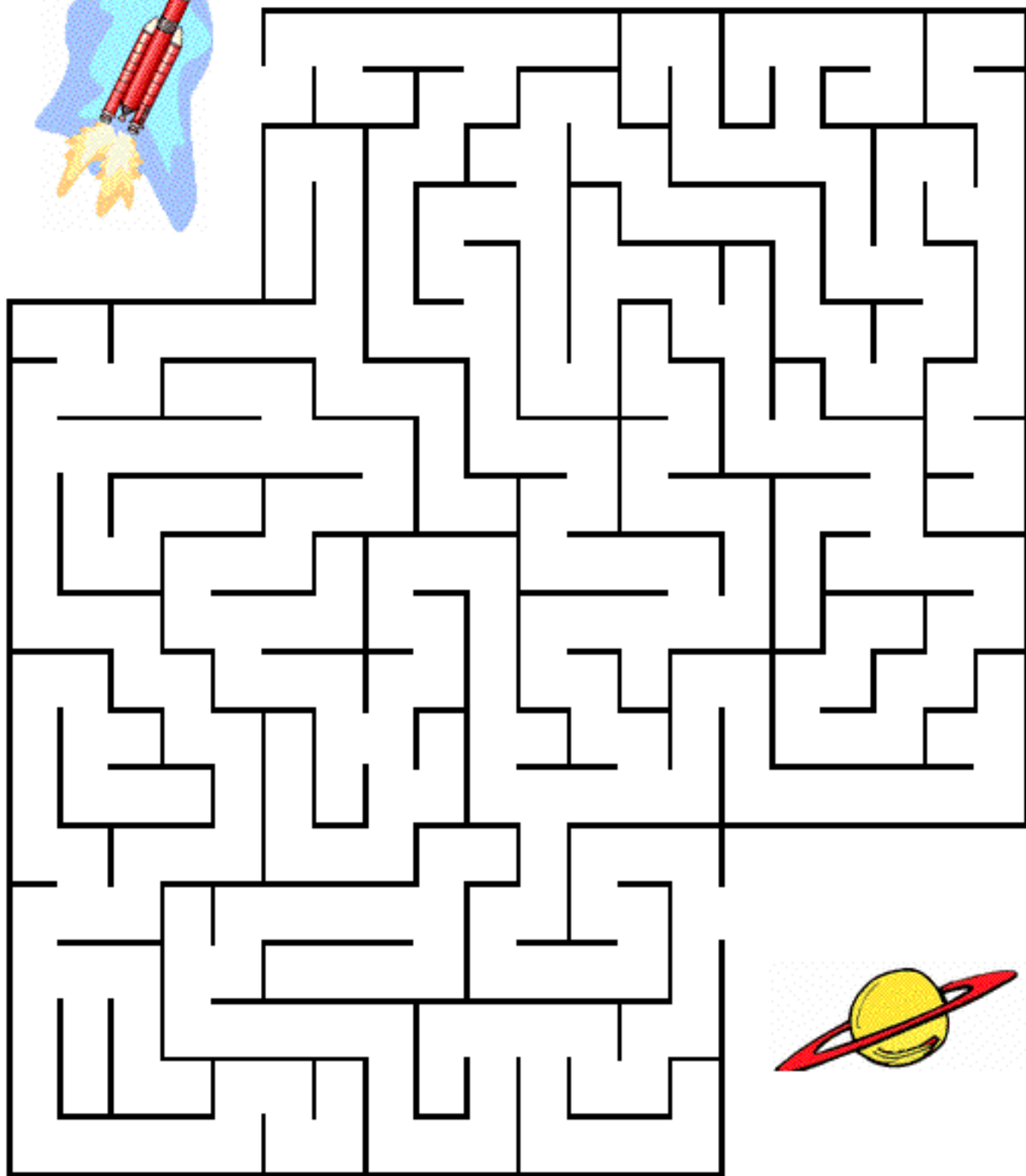
# We live on the planet called Earth.

Can you make lots of words using only the letters in the sentence above?  
Write the words on the lines below. If you need to, turn over the page, and  
write on the back.



# Amazing Fun!

Help the rocket get to saturn.





# Search For Words

Find and circle the words. The run right to left, left to right, bottom to top, top to bottom, and diagonally top to bottom or bottom to top.

heavenly  
planets

meteors  
comets

orbit  
telescope

solar  
revolve

stars  
Earth

systems  
sun



s m r e x l y u t s n e f d t  
i t a h r m e t e o r s w a h  
t l a r g e l y c l e u o r e  
e e a a r t h t t c a v n l u a  
l v a c s x m n n r s r l n v  
e t m u s g c o l v g t v r e  
s y s t e m s v i o l e o c n  
c r i w d r i g c h f l r l l  
o s t d f e i n o v b w b a y  
p r i i c e l t m e r s i s e  
e s r e v o l v e t t w t n d  
s r e c f o b o t o e s n g d  
z a p l a n e t s t h s s i i

# Word Unscramble

Unscramble each word. Write the correct word on the line.



lxagay \_\_\_\_\_

utpjire \_\_\_\_\_

tbori \_\_\_\_\_

osdirtesa \_\_\_\_\_

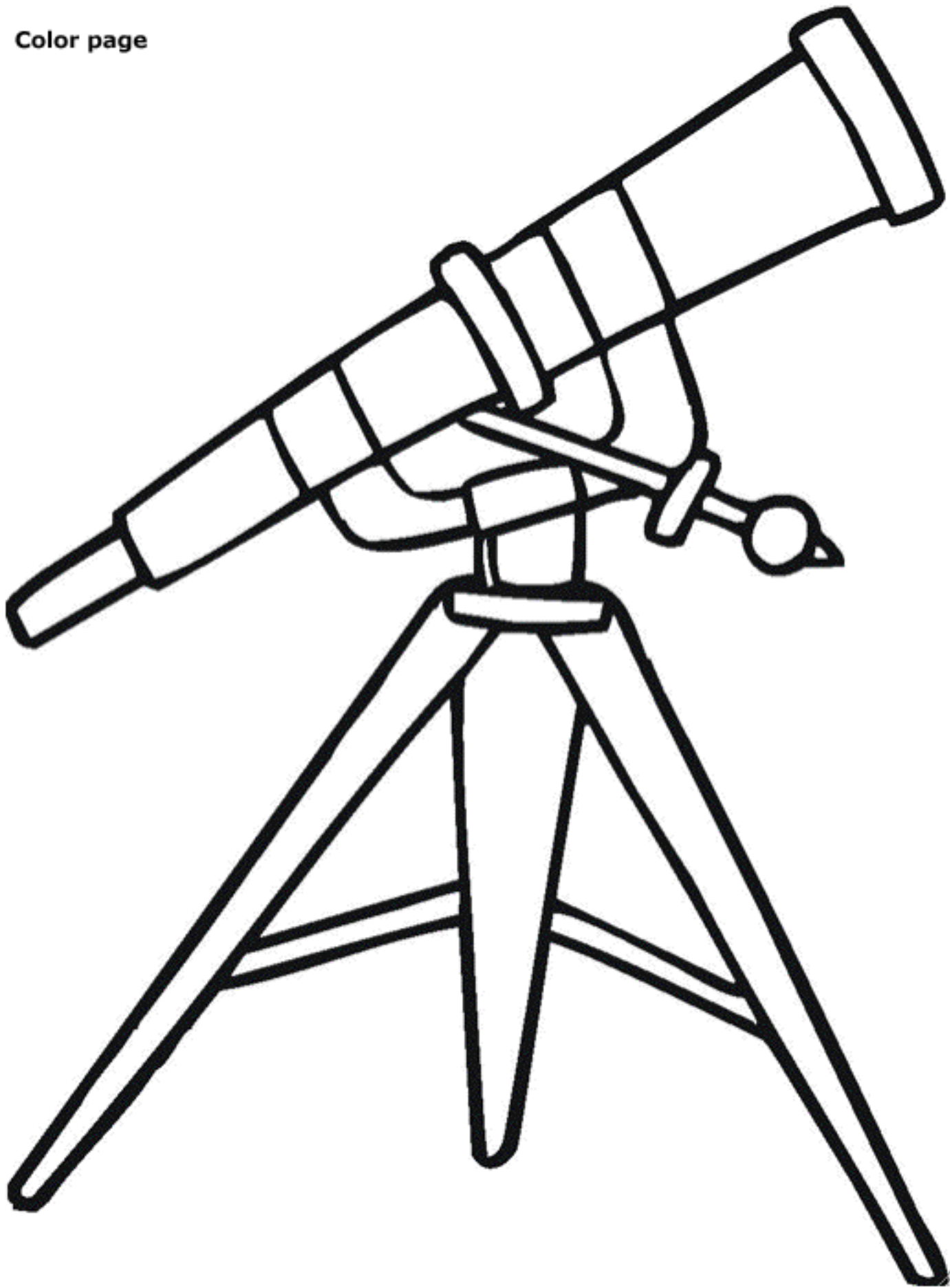
tviygra \_\_\_\_\_

apsec \_\_\_\_\_

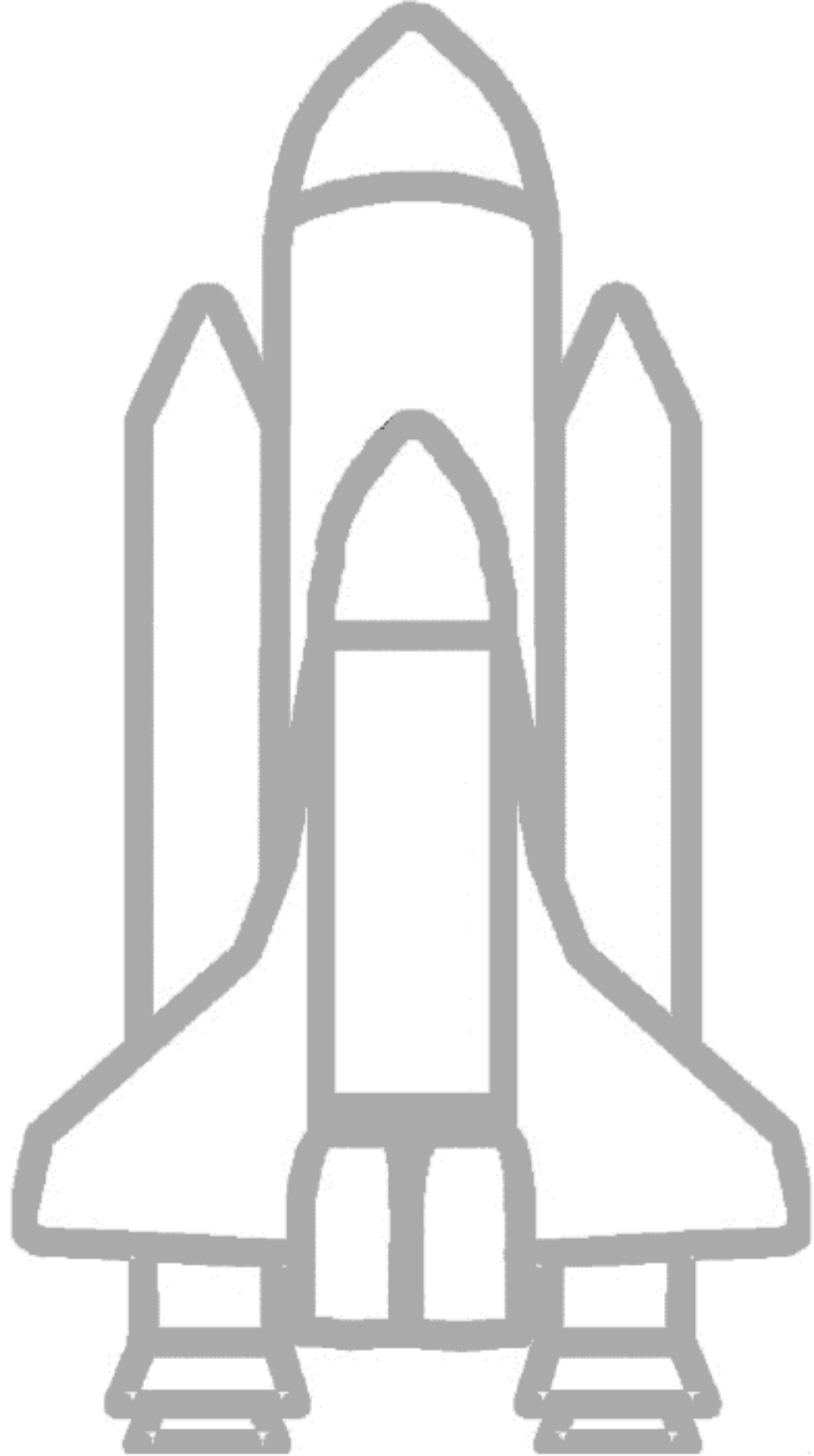


rmsa \_\_\_\_\_

glhit \_\_\_\_\_







# Answers

## Criss Cross

Across: 1. galaxy 4. astronomer 7. space

Down: 1. gravity 2. uranus 3. venus 5. neptune 6. rotate

## Cryptogram

There are nine planets in our solar system.

## What Does It Say

Astronomers use telescopes to view the solar system.

## Word Unscramble

galaxy, Jupiter, orbit, asteroids, gravity, space, Mars, light

## Word Search

s m r e x l y u t s n e f d t  
i t a h r m e t e o r s w a h  
t l a r g e l y c l e u o r e  
e e a r t h t t c a v n l u a  
l v a c s x m n n r s r l n v  
e t m u s g c o l v g t v r e  
s y s t e m s v i o l e o c n  
c r i w d r i g c h f l r l l  
o s t d f e i n o v b w b a y  
p r i i c e l t m e r s i s e  
e s r e v o l v e t t w t n d  
s r e c f o b o t o e s n g d  
z a p l a n e t s t h s s i i