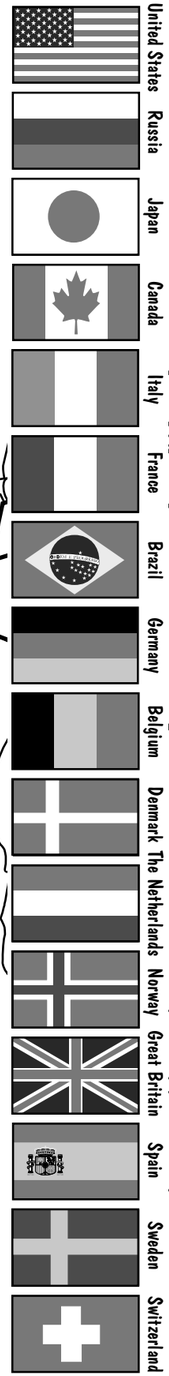
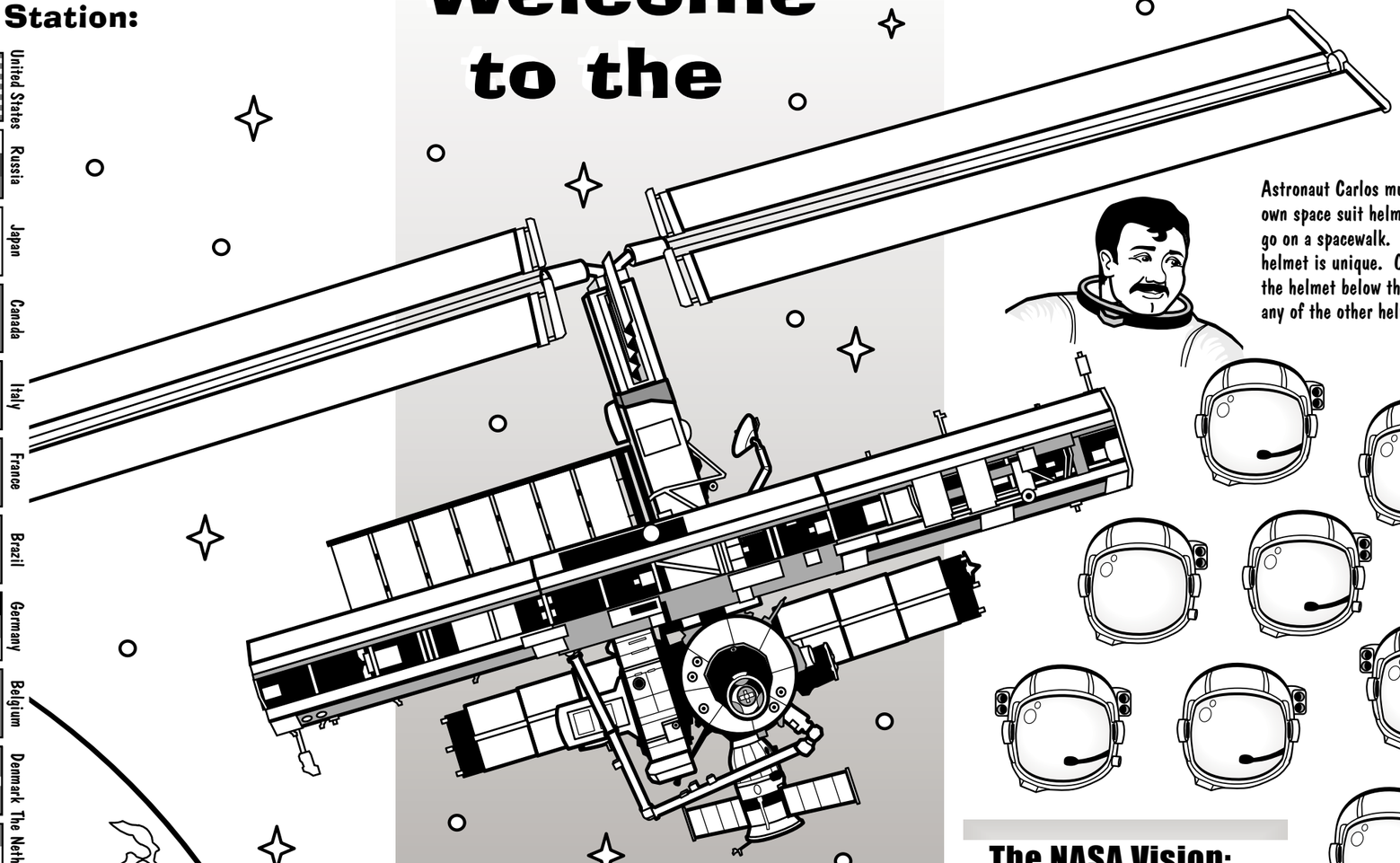
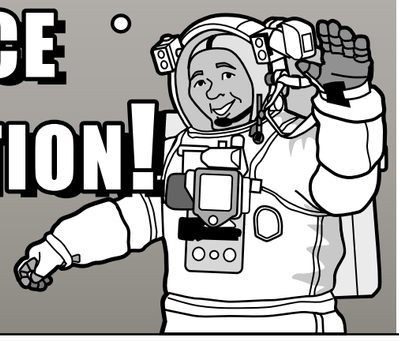
These countries are helping to build the International Space Station:

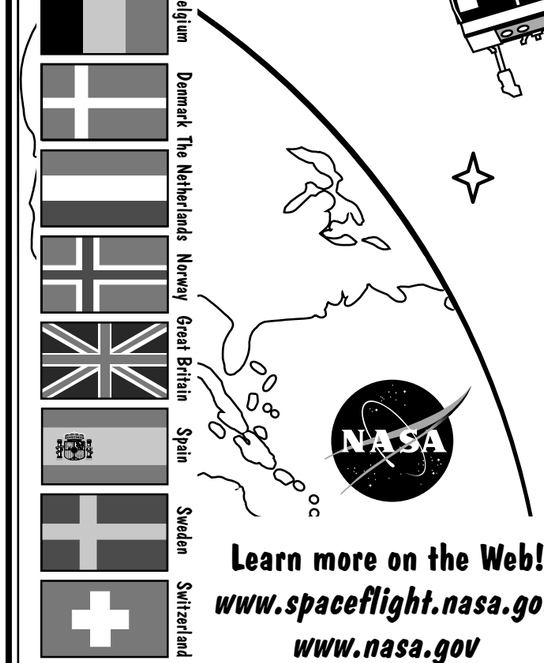


Welcome to the



INTERNATIONAL SPACE STATION!





Learn more on the Web!

www.spaceflight.nasa.gov

www.nasa.gov

Astronaut Carlos must find his own space suit helmet so he can go on a spacewalk. He knows his helmet is unique. Can you find the helmet below that isn't like any of the other helmets?*

The NASA Vision:

- To improve life here
- To extend life to there
- To find life beyond

The NASA Mission:

- To understand and protect our home planet
- To explore the Universe and search for life
- To inspire the next generation of explorers

. . . as only NASA can

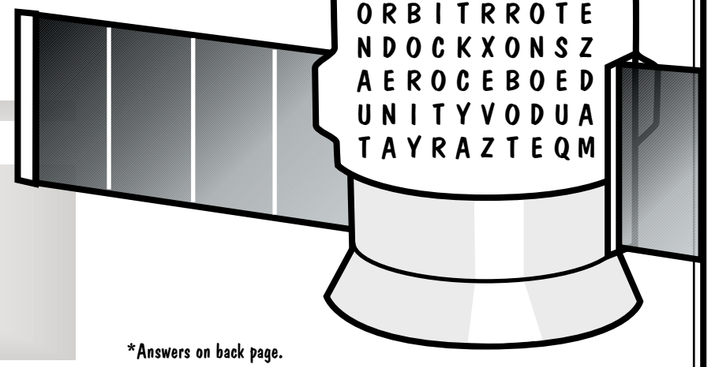
The **International Space Station** is a home in space to astronauts and cosmonauts who are conducting scientific research to help improve life on Earth and give us the knowledge needed to step further into space. This research can be done nowhere else. Scientists are learning about:

- improved ways to make antibiotics and other medicines
- changes in Earth's climate, vegetation, and crops
- how the human body works
- better ways to recycle and purify water and air
- special ways to make things
- new ways to communicate
- the uniqueness of space

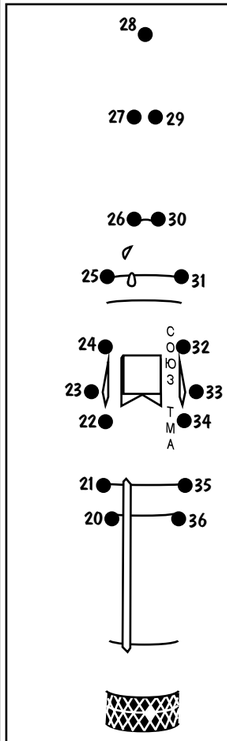
This is a Soyuz vehicle from the International Space Station. Try to find the Station-related words in the puzzle.*

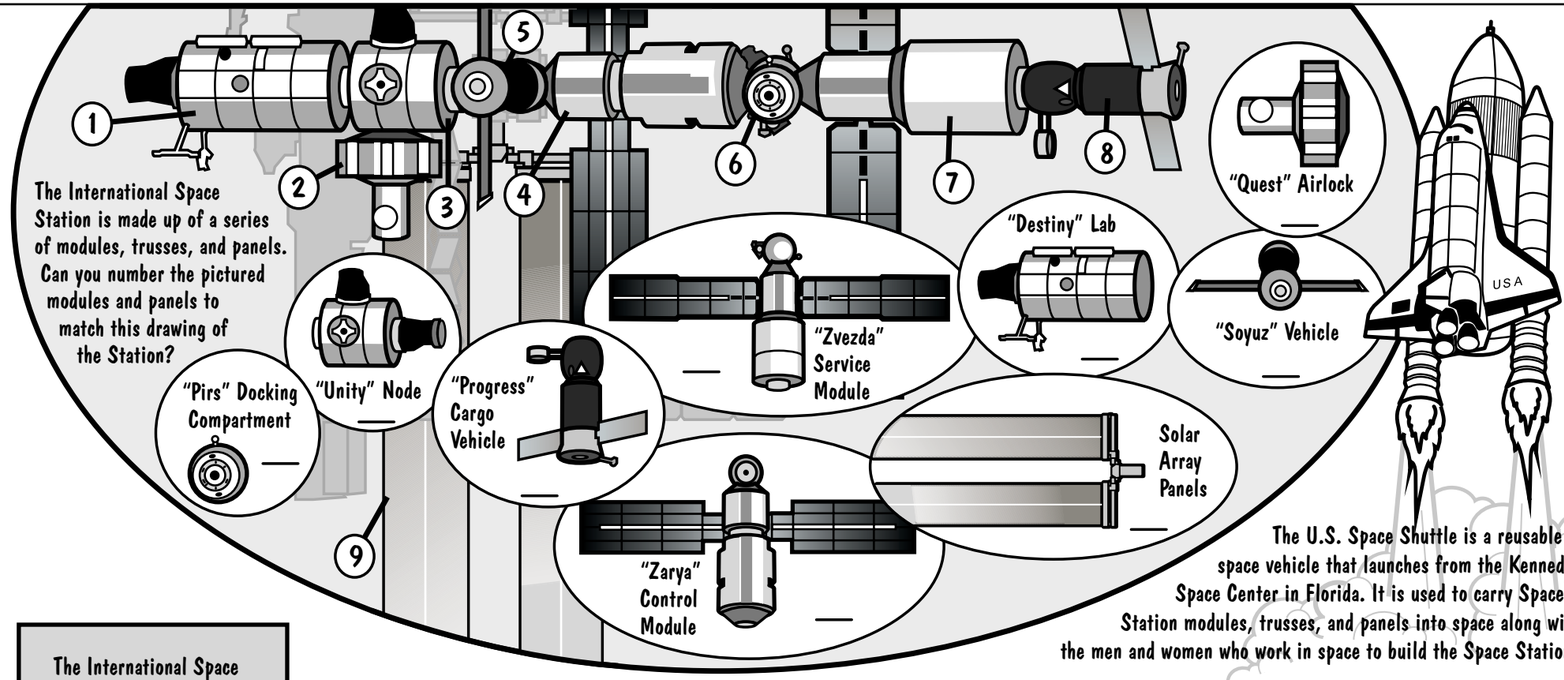
Arrays	Orbit	Unity
Astronaut	Quest	USA
Core	Robot	Vision
Dock	Russian	Zarya
EVA	Solar	Zvezda
Lab	Station	
Node	Truss	

A R R A Y S E V A R
S T A T I O N I L Q
T R U S S L U S A Z
R U S S I A N I B V
O R B I T R R O T E
N D O C K X O N S Z
A E R O C E B O E D
U N I T Y V O D U A
T A Y R A Z T E Q M



*Answers on back page.





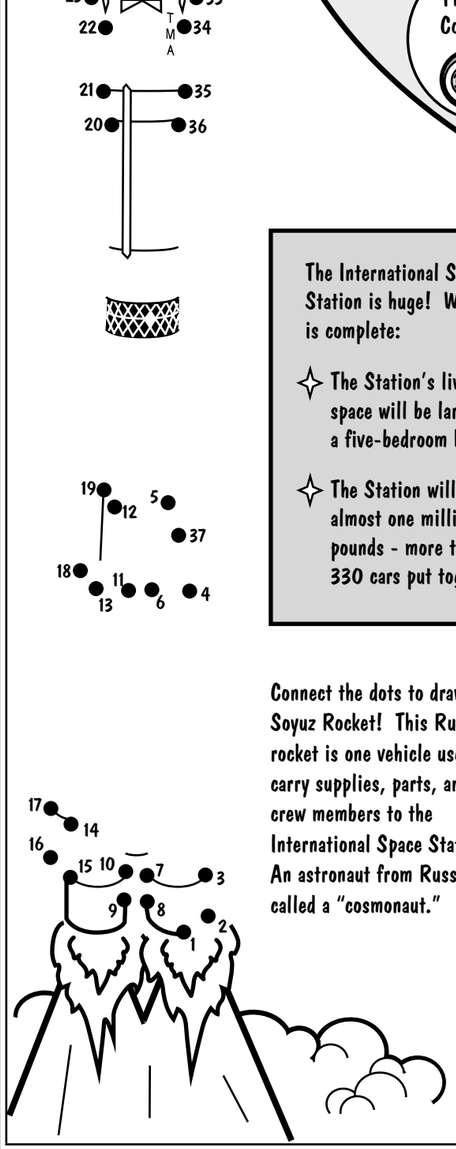
The International Space Station is made up of a series of modules, trusses, and panels. Can you number the pictured modules and panels to match this drawing of the Station?

The U.S. Space Shuttle is a reusable space vehicle that launches from the Kennedy Space Center in Florida. It is used to carry Space Station modules, trusses, and panels into space along with the men and women who work in space to build the Space Station.

- The effort of building the Space Station involves more than 100,000 people located in 37 U.S. states and around the world.
- In about one day, the Space Station travels a distance equivalent to going to the moon and back.
- It circles the Earth every one-and-a-half hours, so the crew sees the sun rise every one-and-a-half hours.
- Docking the Space Shuttle to the Space Station is like driving a car backward at 200 miles per hour and trying to match tailpipes with a car facing the other way.

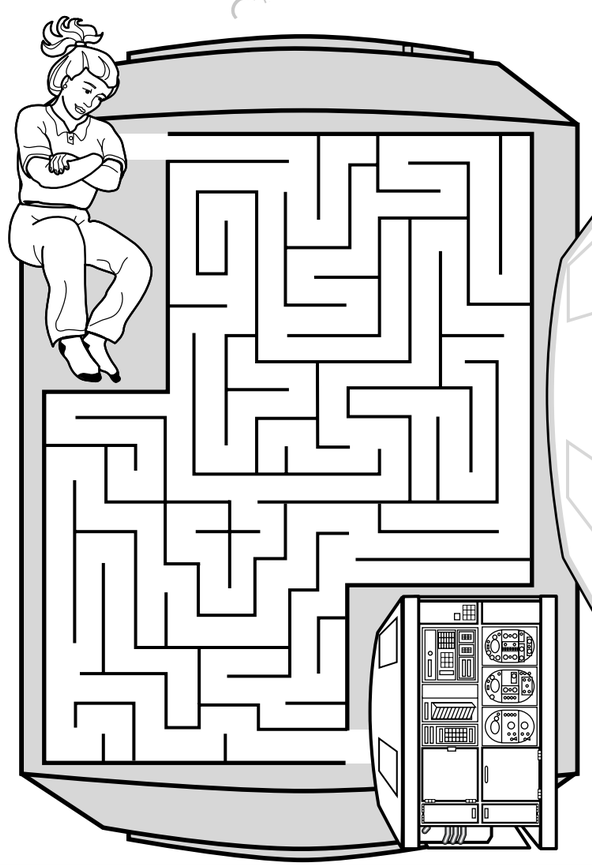
The International Space Station is huge! When it is complete:

- The Station's living space will be larger than a five-bedroom house.
- The Station will weigh almost one million pounds - more than 330 cars put together!



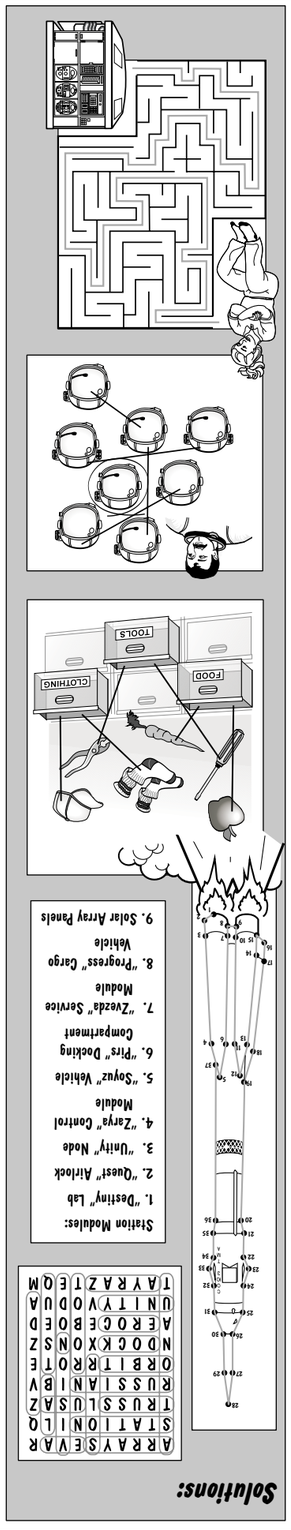
Connect the dots to draw a Soyuz Rocket! This Russian rocket is one vehicle used to carry supplies, parts, and crew members to the International Space Station. An astronaut from Russia is called a "cosmonaut."

There is almost no gravity on the Station, so things float around if they're not restrained. Cosmonaut Yuri needs to put these floating things back in the drawers where they belong. Can you help him? Draw lines from the objects to the place they belong.



There are many shelves, or "racks," in the Destiny Lab. They can be used to hold experiments and research projects.

Astronaut Emily needs to find her way through all of the racks in the Destiny Lab so she can do research at the Physiology Module rack at the end of the maze. Can you show her how to get there?



Solutions:

Station Modules:
1. "Destiny" Lab
2. "Quest" Airlock
3. "Unity" Node
4. "Zarya" Control Module
5. "Soyuz" Vehicle
6. "Pirs" Docking Compartment
7. "Zvezda" Service Module
8. "Progress" Cargo Vehicle
9. Solar Array Panels

A	R	R	A	Y	S	E	V	A	R					
S	T	A	T	I	O	N	I	L	O					
T	R	U	S	S	L	U	S	A	Z					
R	U	S	S	I	A	N	I	B	V					
O	R	B	I	T	R	O	T	E						
N	D	O	C	K	X	O	N	S	Z					
A	E	R	O	C	E	B	O	E	D					
U	N	I	T	Y	O	D	U	A						
T	A	Y	R	A	Z	T	E	O	M					