

# EXPLORE THE WORLD OF ROBOTS

Complete these activities using the ROBOTS GUIDE → [robotsguide.com](https://robotsguide.com) Enjoy!



NAME: \_\_\_\_\_

# MY FAVORITE ROBOT

Go to the ROBOTS GUIDE → [robotsguide.com](https://robotsguide.com) and click on some of the robots you find interesting! Which is your favorite?

My favorite robot is: \_\_\_\_\_



Draw your favorite robot:

Why do you like this robot?

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# SPOT THE DIFFERENCES

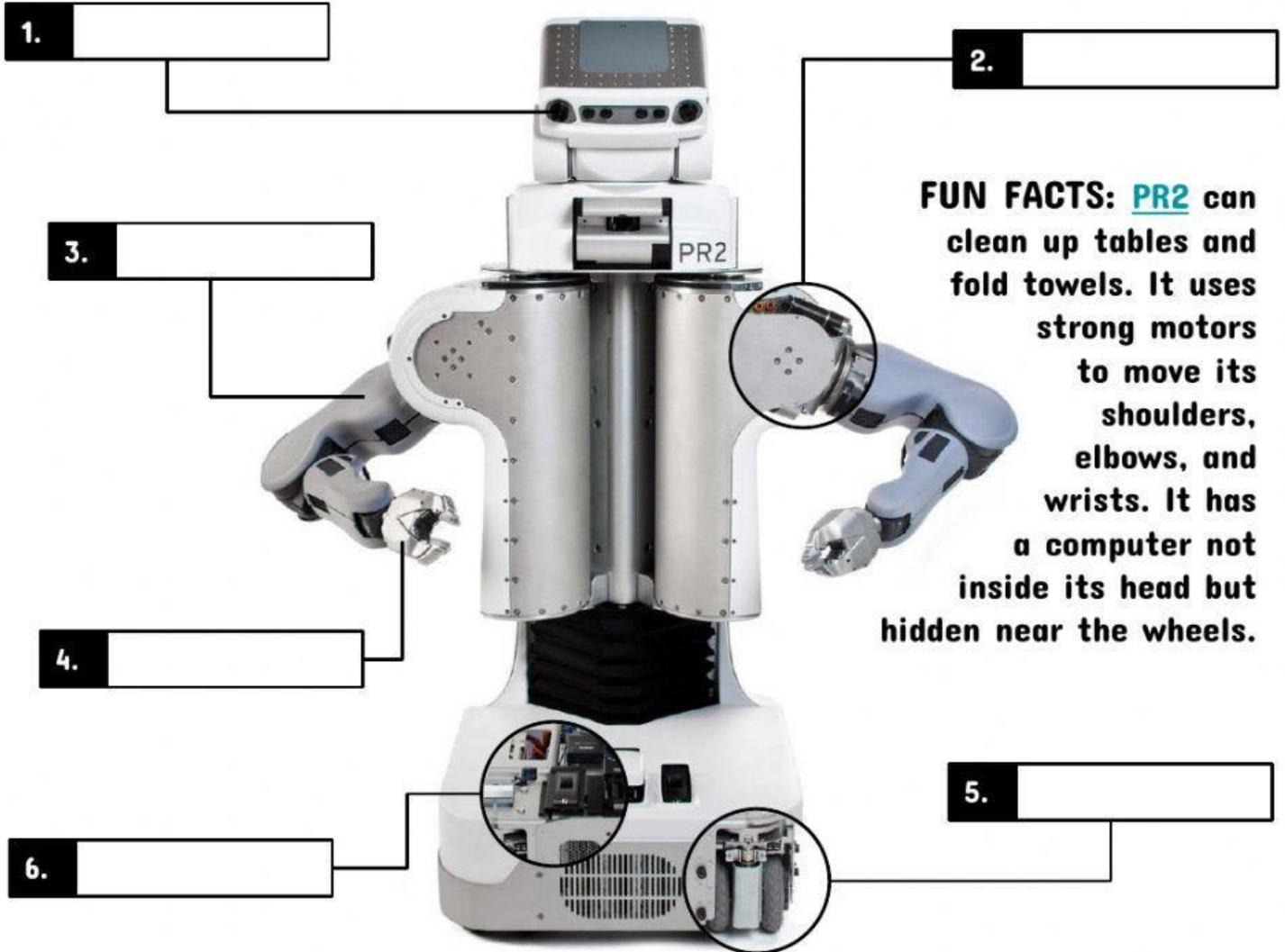
Circle the 6 things that are different between these two pictures.



**FUN FACTS:** [Wakamaru](#) is a friendly helper robot that can talk to people, recognize faces, and shake hands.

# ROBOT PARTS

Use the list of **ROBOT PARTS** to help you label this robot.



**FUN FACTS:** **PR2** can clean up tables and fold towels. It uses strong motors to move its shoulders, elbows, and wrists. It has a computer not inside its head but hidden near the wheels.

## **ROBOT PARTS:**

**COMPUTER**  
**CAMERA**

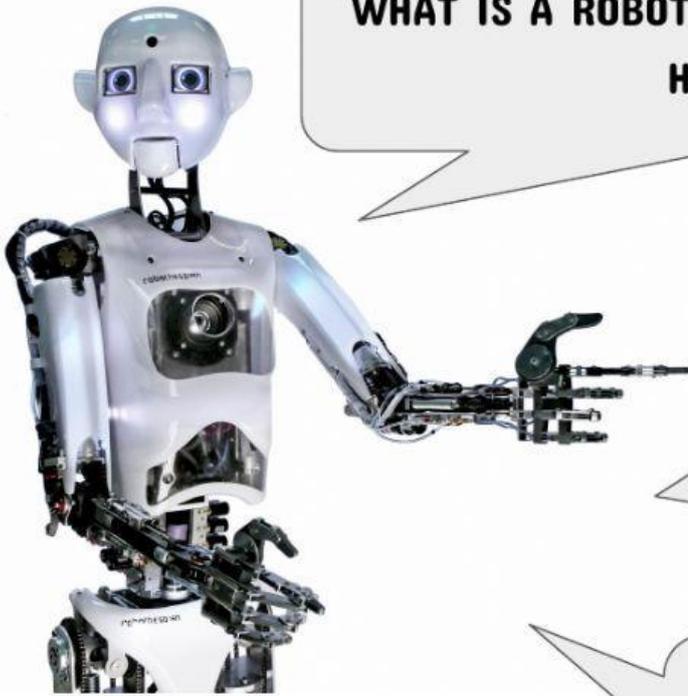
**MOTOR**  
**WHEELS**

**ARM**  
**GRIPPER**

ANSWER: 1. CAMERA; 2. MOTOR; 3. ARM; 4. GRIPPER; 5. WHEELS; 6. COMPUTER

# ROBOT JOKES

Enjoy this collection of robot jokes. Share them with your friends!



**WHAT IS A ROBOT'S FAVORITE KIND OF MUSIC?  
HEAVY METAL!**

**WHAT DO YOU CALL  
A PIRATE DROID?  
ARRR-2-D2**

**BEEP  
BOOP**



**FUN FACTS:** [RoboThespian](https://www.robots.ieee.org) is a robotic actor that tells jokes during its performances.

**WHAT IS A ROBOT'S  
FAVORITE SNACK?  
MICRO-CHIPS!**

**WHAT IS A ROBOT'S  
FAVORITE DANCE MOVE?  
THE ROBOT!**

**WHY DID THE ROBOT  
GO ON A BOAT?  
BECAUSE IT'S A  
ROW-BOAT!**

# ROBOT JOBS

Draw a line to connect each of these robots to the task you think it can do.



UR ●

- Take a picture from the sky



Roomba ●

- Move boxes in a factory



Aquanaut ●

- Help firefighters put out a fire



Phantom ●

- Swim underwater



Colossus ●

- Clean dust from the floor

OPTIONAL (ADVANCED): Explain why you think robots are important.

# ROBOT FACE-OFF

Look at the two robots below and circle the one that you want to have.



Aibo



Nao

**Explain your choice:**

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**OPTIONAL (ADVANCED):** Go to the **ROBOTS GUIDE** ⇨ [robotsguide.com](https://robotsguide.com) and play the [Robot Face-off](#) game. Which *Star Wars* robot do most people say is cooler: R2-D2 or C-3PO?

# WHO'S WHO?

Look at the photos and the list of ROBOT NAMES and try to match them.  
TIP: If you don't know some of these robots, you can [search](#) their names on the ROBOT GUIDE ⇨ [robotsguide.com](http://robotsguide.com)



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_



5. \_\_\_\_\_



6. \_\_\_\_\_



7. \_\_\_\_\_



8. \_\_\_\_\_

## **ROBOT NAMES:**

[Curiosity](#)

[Root](#)

[Dash & Dot](#)

[Paro](#)

[Titan](#)

[QTrobot](#)

[Emiew](#)

[Robobee](#)

ANSWER: 1. Emiew; 2. Paro; 3. Curiosity; 4. Titan; 5. Dash & Dot; 6. Robobee; 7. QTrobot; 8. Root

# HOW ROBOTS MOVE

Some robots have wheels, some have legs. Some can fly, some can swim.  
For each of the places below, write the name of one robot you think could go there.



Hexa



ACM-R5H



Aqua



Mavic



Digit



Starship



Zipline



Husky

**STAIRS**



1. \_\_\_\_\_

**SAND**



2. \_\_\_\_\_

**WATER**



3. \_\_\_\_\_

**ROCKS**



4. \_\_\_\_\_

**OPTIONAL (ADVANCED):** Go to the **ROBOTS GUIDE** ⇨ [robotsguide.com](https://robotsguide.com) and find the smallest robot. How does it move?