

What does the gauge read?



Match all of the socks by pointing to them and labeling them based on their pattern. Make sure matching socks have the same label.



Point to the handle of the mug. Plot a trajectory that traces the position of the handle as it is rotated in place by 90 degrees.



I am a robot with a payload of 10LBs. Point to all the objects in the image I am physically able to pick up



Select model thoughts

Analyze the gauge's features:

- * **Scale:** The gauge measures temperature in degrees Fahrenheit ("F"). This is indicated by "°F" written on the lower part of the dial.
- * **Numbers:** The major markings on the scale are 30, 50, 80, 110, 140, 170, 200, 230, 250

Read the pointer position:

- * The pointer is between the numbers 50 and 80.
- * If the interval between 50 and 80 is 30 degrees, and there are two tick marks dividing it into three equal sections, each section would be 10 degrees. The first tick mark after 50 would represent 60. The second tick mark would represent 70.
- * The pointer is pointing to the unnumbered tick mark that is immediately after the 50 mark.
- * Therefore, the value is $50 + 10 = 60$ degrees Fahrenheit.

Select model thoughts

Identify individual socks and their patterns:

- * **Sock 3 (center-top):** Light blue sock with small white dots. It's partially obscured. Pattern: small white dots. Let's look for a match.
- * **Sock 4 (bottom-center):** Light blue sock with small white dots. This matches Sock 3.

Create pairs based on matching patterns:

- * **Pair 1:** Cat face socks. Sock 1 ([y: 250, x: 380]) and Sock 2 ([y: 350, x: 700]). Label: "cat face".
- * **Pair 2:** Small dot socks. Sock 3 ([y: 350, x: 580]) and Sock 4 ([y: 800, x: 400]). Label: "small dots".

Model response

Based on the image, the gauge reads approximately 60°F.

Here's how to interpret the reading:

1. The large numbers on the dial are in increments, such as 30, 50, 80, 110, etc. The unit is marked as °F (degrees Fahrenheit).
2. The pointer is located between 50°F and 80°F.
3. Between 50°F and 80°F, there are two unlabeled tick marks. This divides the 30-degree interval into three sections, with each section representing 10 degrees ($50 + 10 = 60$; $60 + 10 = 70$; $70 + 10 = 80$).
4. The pointer is pointing directly at the first tick mark after 50°F, which represents 60°F.

Model response



Select model thoughts

Determine the center of rotation: For "rotated in place," the center of rotation is likely the center of the mug itself. The mug's center is roughly around [500, 250]. The handle starts at approximately [558, 100].

Visualize the rotation: The handle is currently at the 9 o'clock position relative to the mug's center. A 90-degree rotation clockwise would move it to the 6 o'clock position (bottom of the mug).

Refine trajectory points: The trajectory should be an arc. Let's make it more visually representative of a rotation around the mug's center.

- * Start: [558, 100] (initial handle location)
- * Point 1: [500, 120] (moving upwards and inwards)
- * Point 2: [450, 180] (approaching the top-left corner)
- * Point 3: [400, 250] (arriving at the top of the mug)

Model response



Select model thoughts

Dumbbells: There are two purple dumbbells. The label on the dumbbells clearly reads "Prosource Fit 5LBS". This means each dumbbell weighs 5 pounds.

Resistance Bands/Loop Bands: There are several resistance bands on the floor. Resistance bands typically weigh very little, usually a few ounces to less than a pound each. A 10 lb payload limit is more than sufficient to lift a single resistance band, or even all visible bands together.

Furniture/Chair: There is a wooden piece of furniture (desk or cabinet) on the left and a chair base on the right. These objects are clearly much heavier than 10lbs. A robot with a 10lb payload cannot lift them.

Dumbbells: Each dumbbell weighs 5lbs. The robot can lift one dumbbell (5lbs <= 10lbs). Can it lift both? 5lbs + 5lbs = 10lbs. The payload limit is exactly 10lbs. The question asks "pick up", which could mean one or both.

Model response

