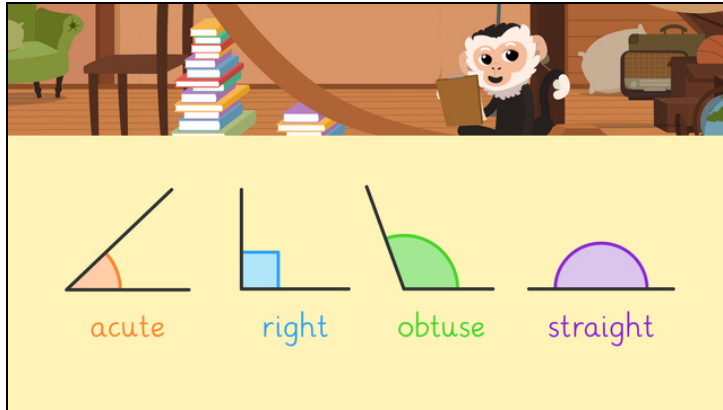


Worksheets to print out from [sofatutor.com](https://www.sofatutor.com)

Angles and Measuring Angles



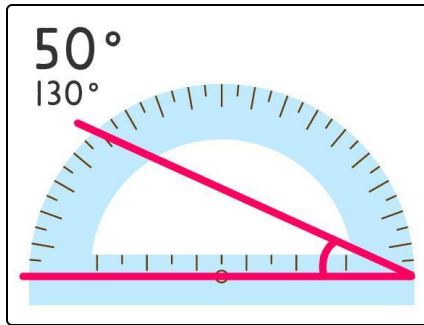
- 1 Is the protractor correctly lined up?
- 2 What's the angle of Nia's turn?
- 3 Name the different types of angles.
- 4 Which angles show the given degrees?
- 5 What is the measure of this angle?
- 6 Find the measurement for each angle.
- + with many hints, answer keys, and solution approaches for all tasks



The complete package, including all tasks, hints, solutions, and solution approaches, is available to all subscribers of [sofatutor.com](https://www.sofatutor.com)

Is the protractor correctly lined up?

Choose the answer that states whether the protractor is correctly lined up or not.



Nia wants to measure the last angle she made! Did she line up the protractor correctly?

- ☐ Yes! Nia can correctly measure the angle to be 50° . A
- ☐ No, Nia needs to put the dot in the corner of the angle. B
- ☐ No, Nia needs to align the bottom line with the 0 on the protractor. C
- ☐ Yes! Nia can correctly measure the angle to be 130° . D

Our hints for the tasks



Is the protractor correctly lined up?

1. Hint

A protractor is correctly aligned when:

- The horizontal line of the angle is aligned with the 0 line on the protractor.
- The dot in the middle of the bottom of the protractor is in the corner of the angle.

2. Hint

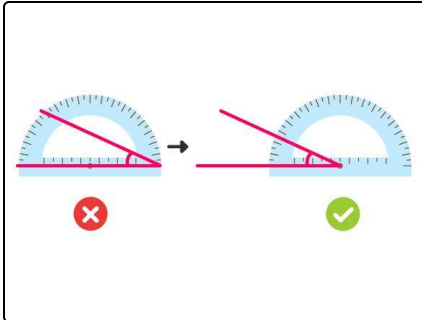
Check to see where the protractor's dot aligns with the angle.

Solutions and solution approaches for the tasks

1
from 6

Is the protractor correctly lined up?

Answer key: B



A protractor is correctly aligned when both:

- The horizontal line of the angle is aligned with the 0 line on the protractor.
- The dot in the middle of the bottom of the protractor is in the corner of the angle.

In this problem, the dot was **not** in the corner of the angle. Nia needs to move the protractor so the dot is in the angle's corner, as shown in

the image on the right.