# Fast 5

3847 x 9

70 x 60

1.8 + 0.3

7.75 x 10

91% of 6590

# Fast 5

3847 x 9 = 34623

70 x 60 = 4200

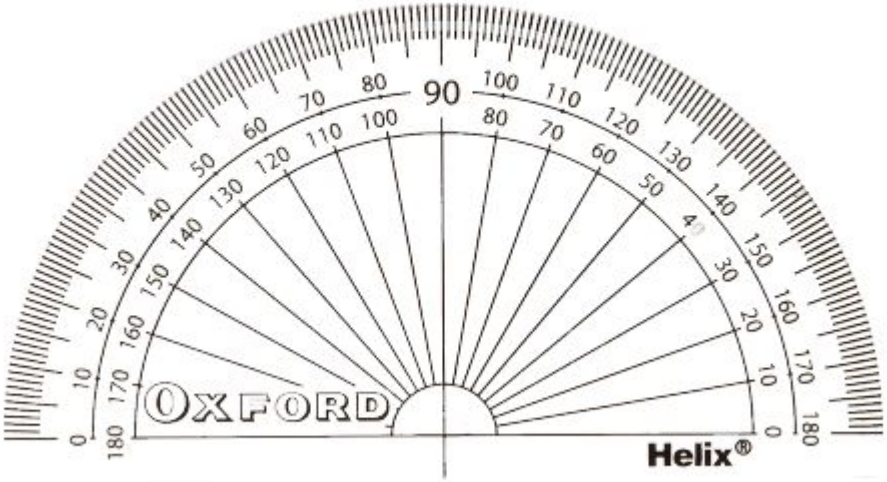
1.8 + 0.3 = 2.1

7.75 x 10 = 77.5

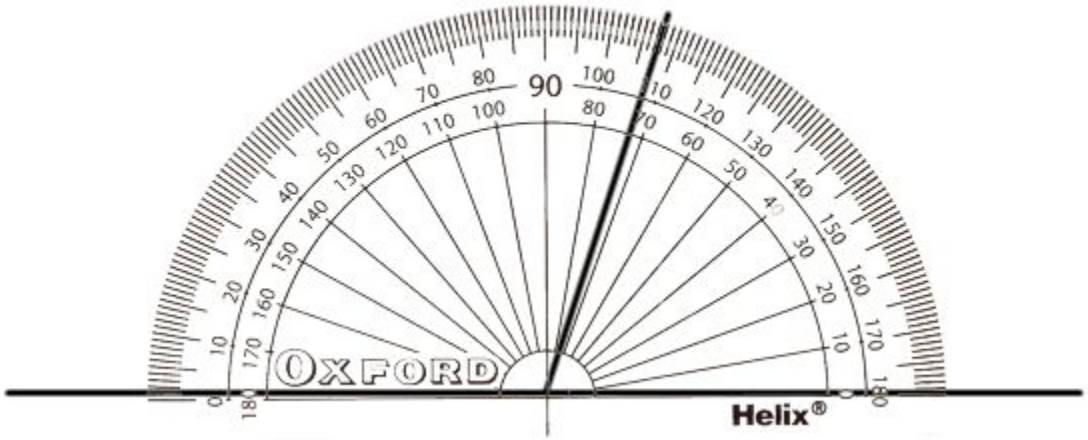
91% of 6590 = 5996.9

# Can I use a protractor to measure angles?

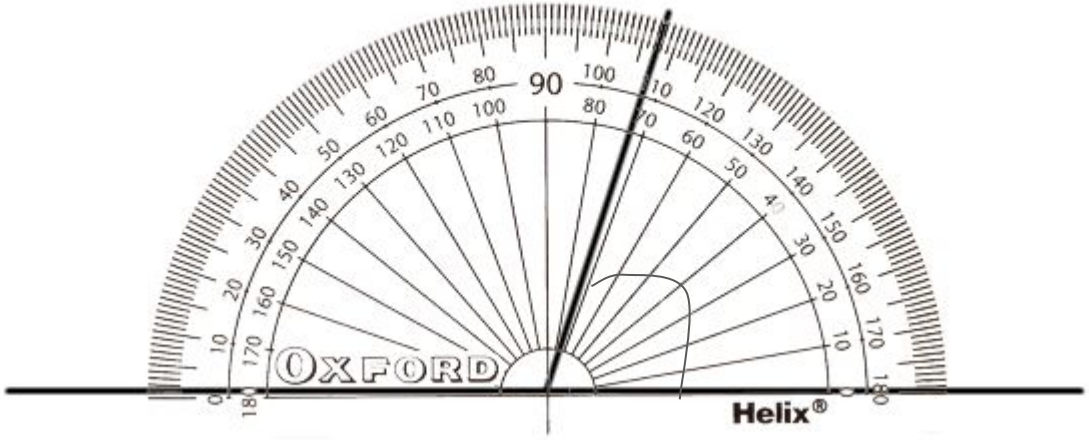
We’re going to be using a protractor again in this lesson to measure angles.



In order to make sure we’re using our protractor to measure correctly, we need to make sure it’s aligned to the angle correctly. Here is how we do this.

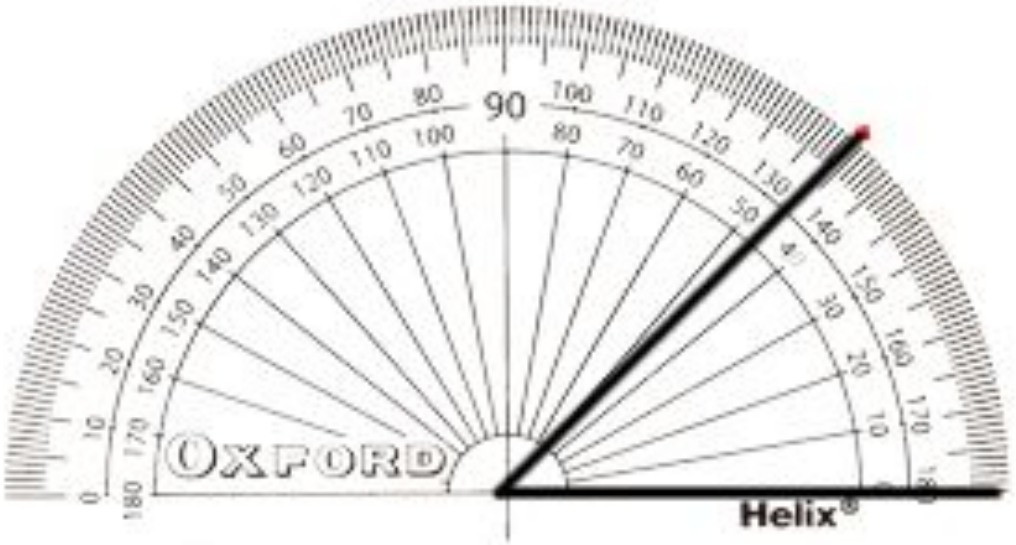


We are measuring the angle on the right, so we will move up from the 0 on the right to find the size of this angle.

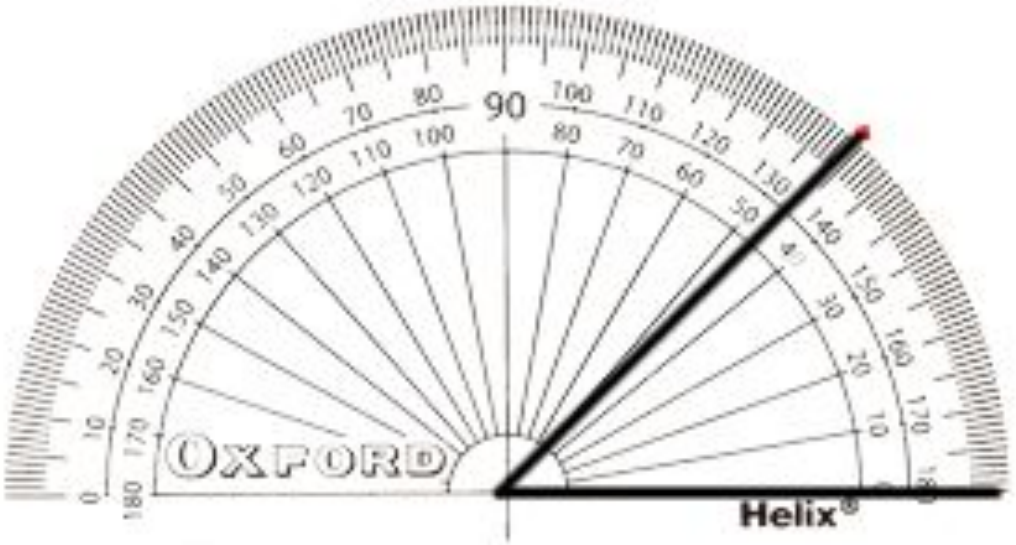


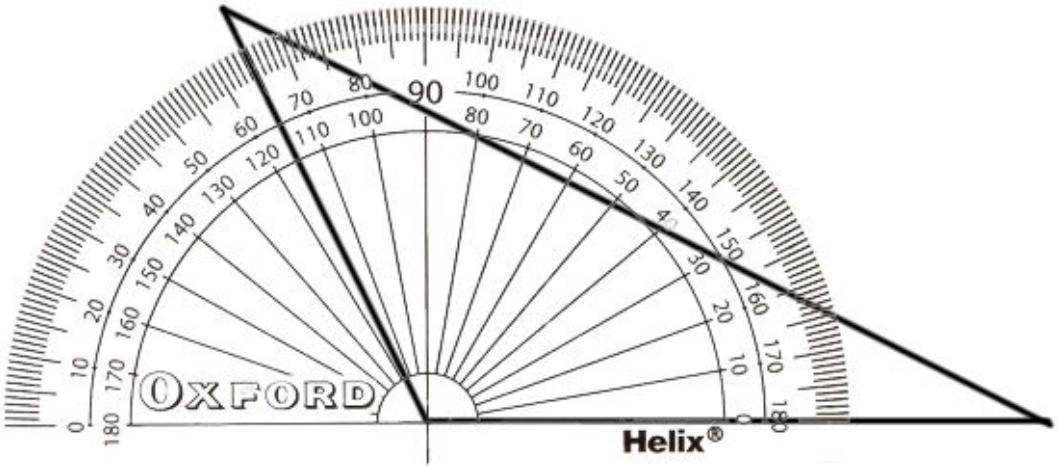

The angle is 72°

# What is this angle?

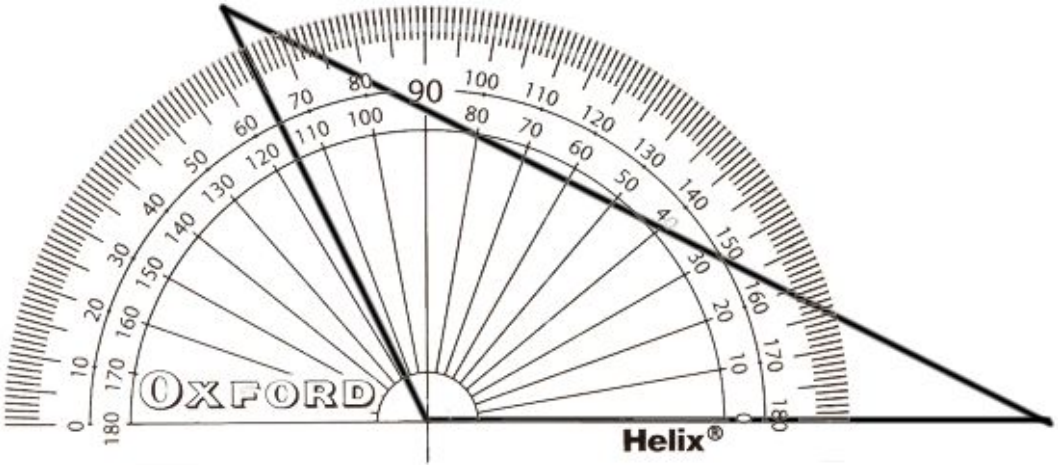


The line is fractionally beyond 45°. This shows an angle of 46°





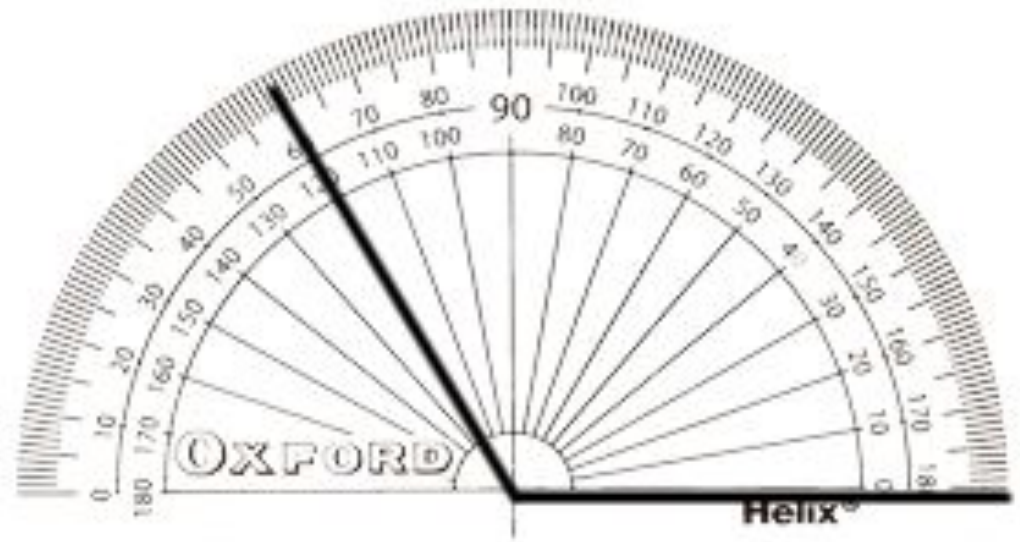

What is the size of the measured angle in this triangle?



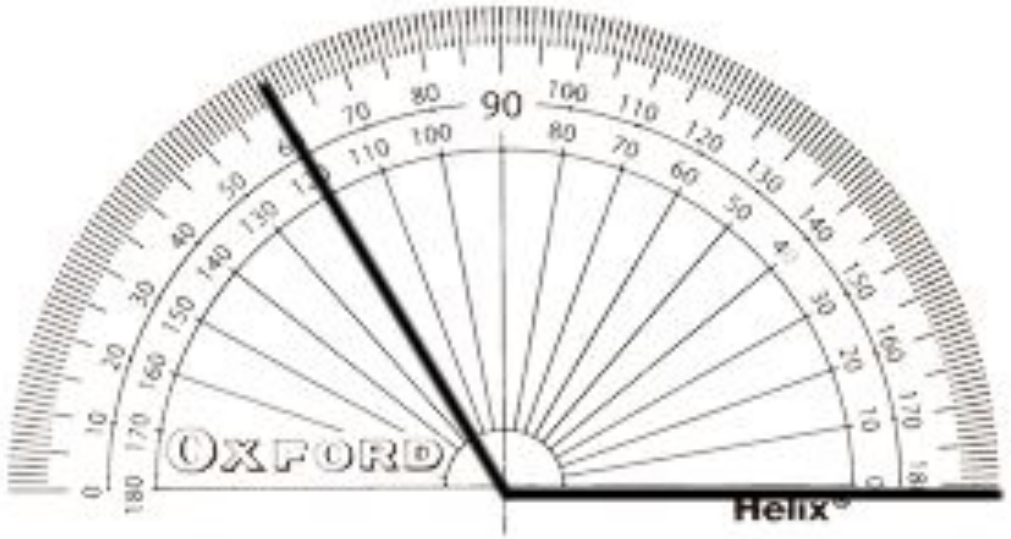

What is the size of the measured angle in this triangle?

115°

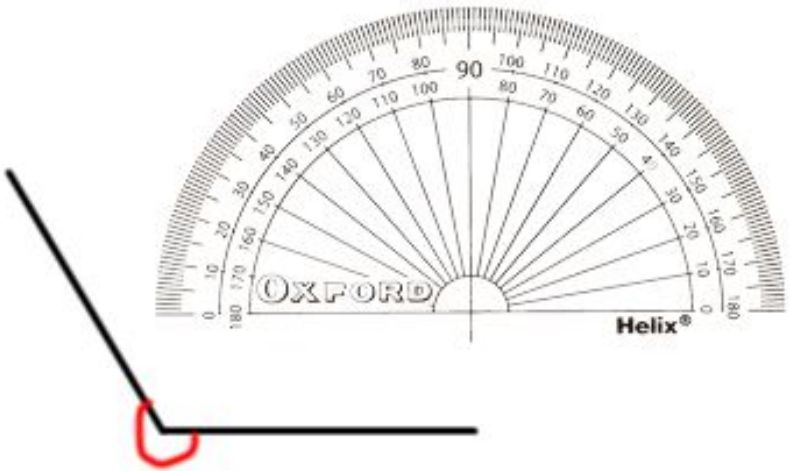
This is also an obtuse angle.  What size angle is it?



120°



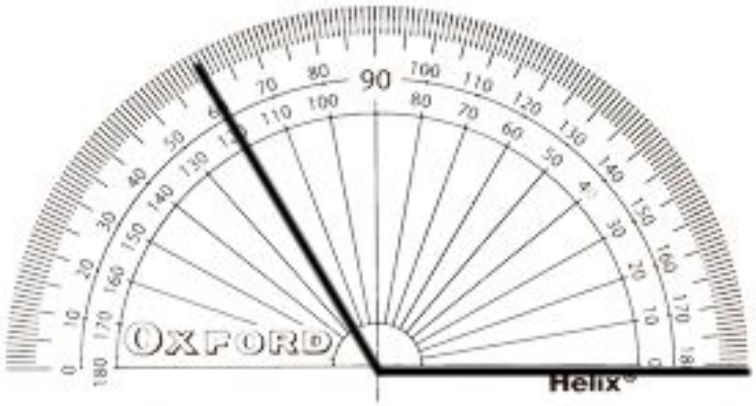
# Measuring an angle greater than 180°



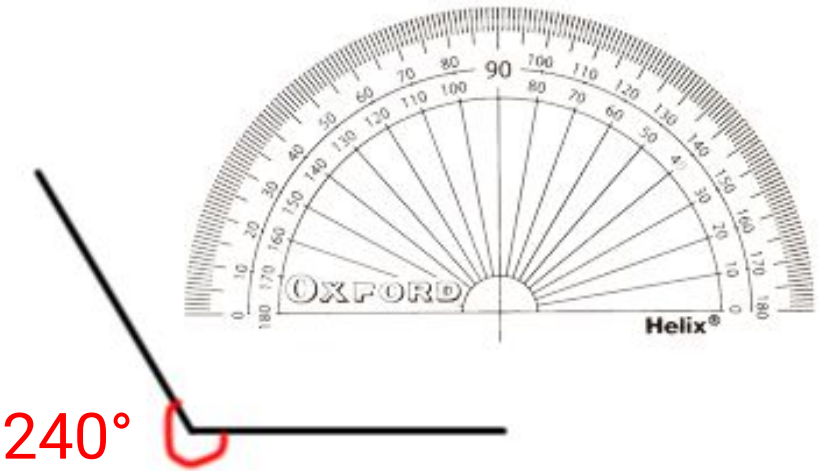
To measure an angle greater than 180°, the best method is to measure the angle you can (the interior angle) then subtract that amount from 360°

Measured angle = 120°

360°- 120°= 240°

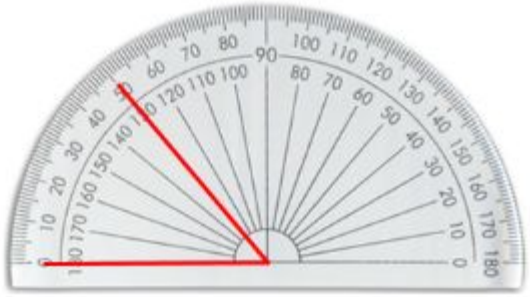


# The angle drawn here is 240°

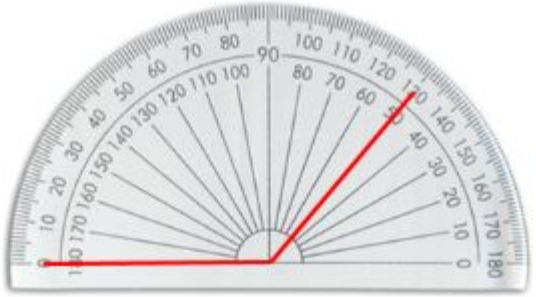


# Red

1)



2)



3)

4)

5) Draw an angle that is 90°

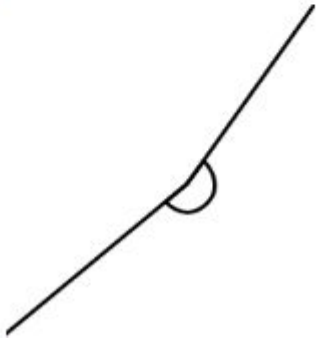
6) Draw an angle that is 145°

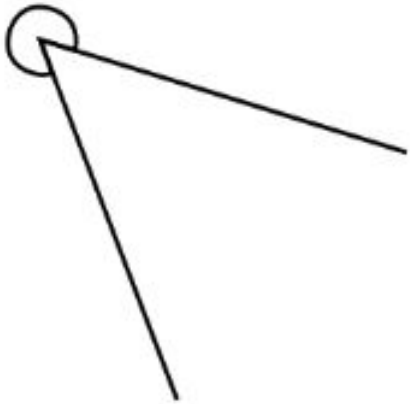
# Yellow

1)

2)

3)





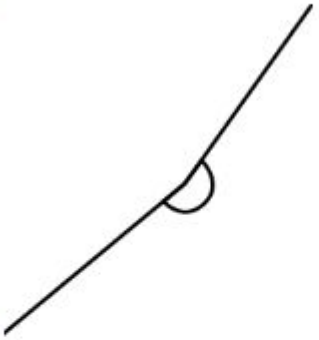
4)

5) Draw an angle that is 90°
6) Draw an angle that is 130°
7) Draw an angle that is 260°
8) Draw a triangle with one of the angles being 50°

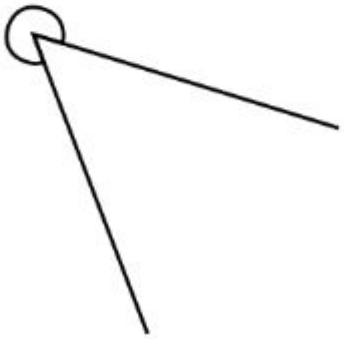
# Green

1)

2)

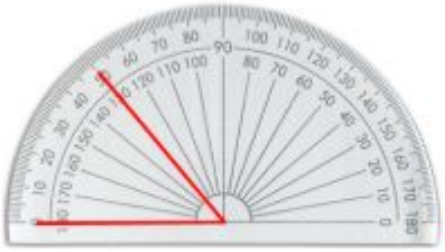


3)



4) Draw an angle that is 90°
5) Draw an angle that is 27°
6) Draw an angle that is 263°
7) Draw an angle that is 277°
8) Draw a triangle with one of the angles being 70° and another being 56°

# Red

1)  50°

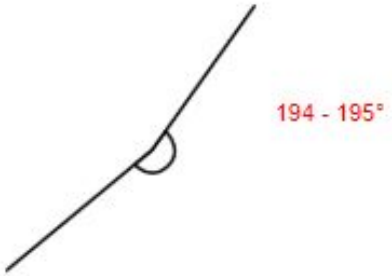
2)  130°

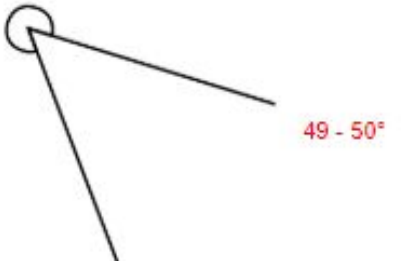
3)  74 - 75°

4)  139 - 140°

# Yellow



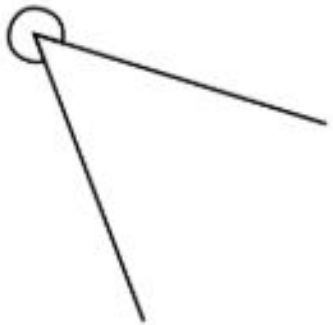


# Green

1) 15°

194 - 195°



309 - 310°