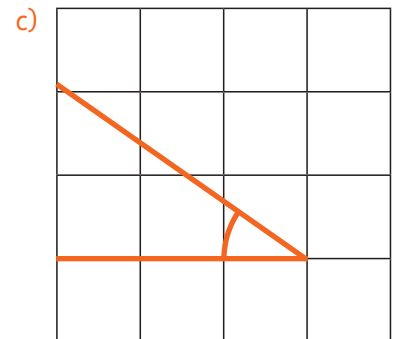
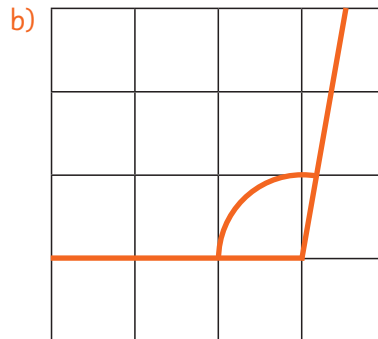
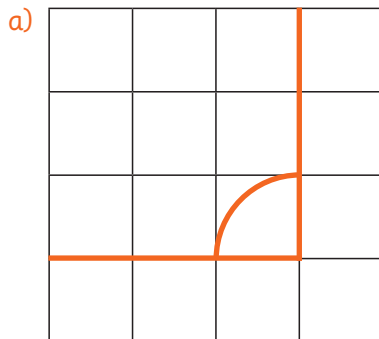
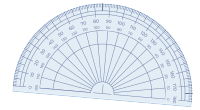


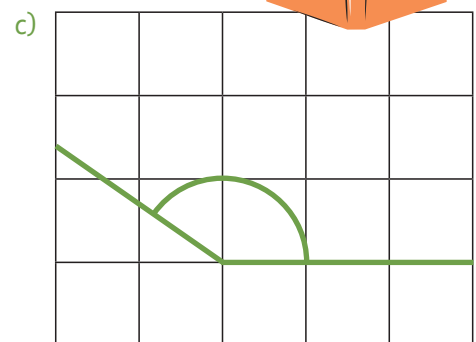
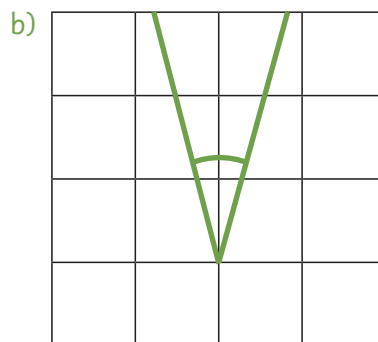
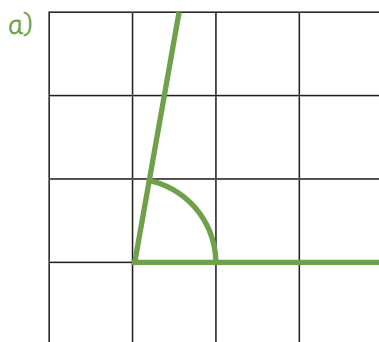
Measuring Angles

1. Estimate each of the angles below. Next, use a protractor to measure the angles and classify each one with its correct name. Fill in the table to show your work.



Angle	Estimate	Measurement	Classification
a			
b			
c			

2. Measure the angles below and fill in the table like you did for Question 1. Consider which side of the protractor's scales would be most helpful to use. You may need to rotate the page to make measuring easier.

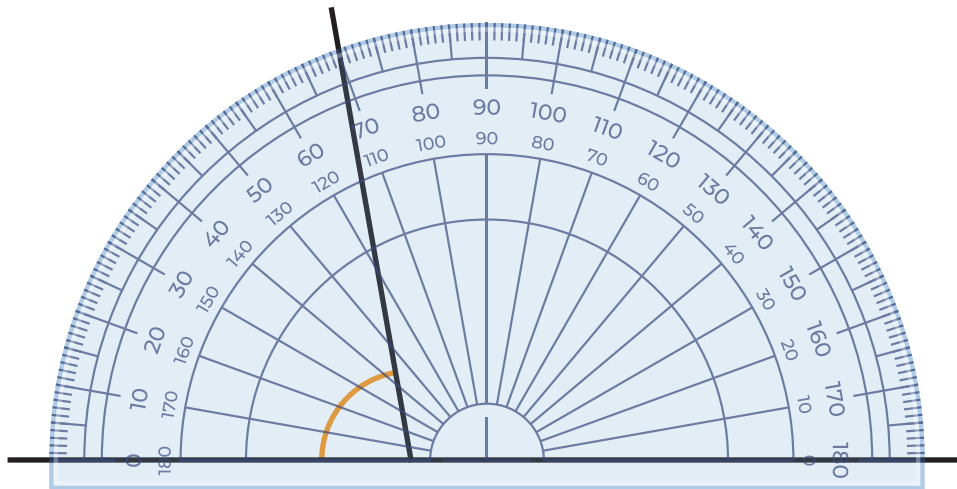


Angle	Estimate	Measurement	Classification
a			
b			
c			

Measuring Angles

3. Martha is measuring these angles. What mistakes has she made?

a)

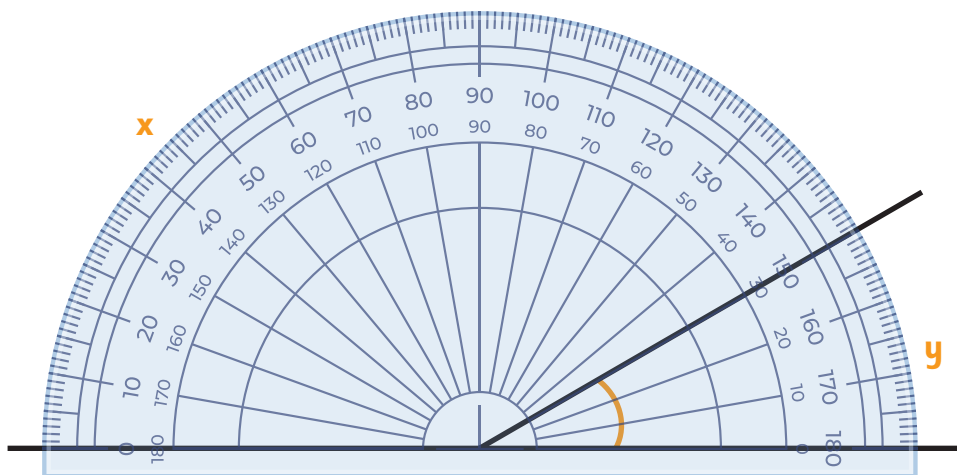


Martha says that the angle is 70° .

Mistake:

.....

b)



Martha says that angle y is 150° .

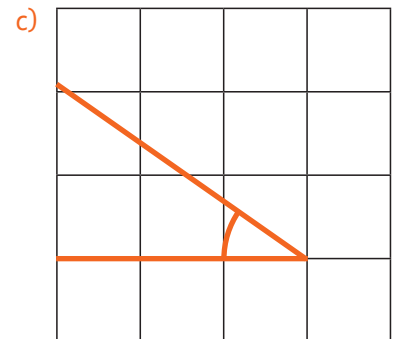
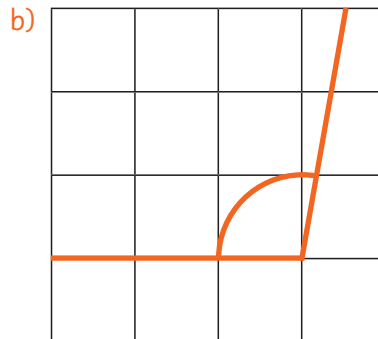
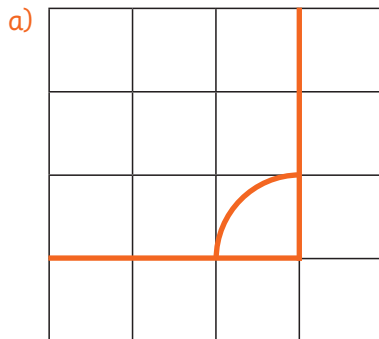
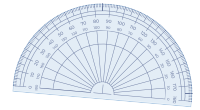
Mistake:

.....

Measuring Angles

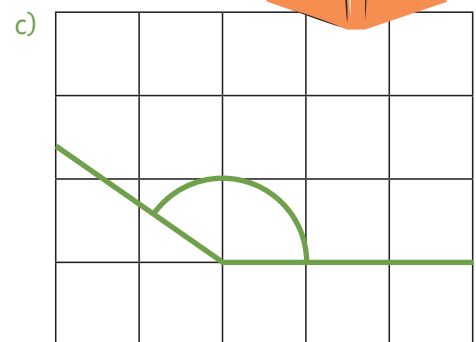
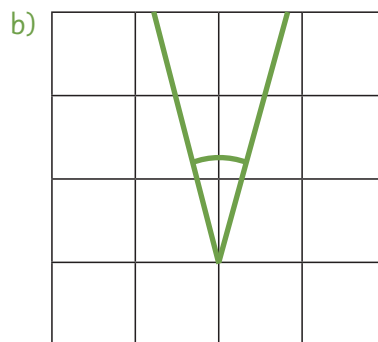
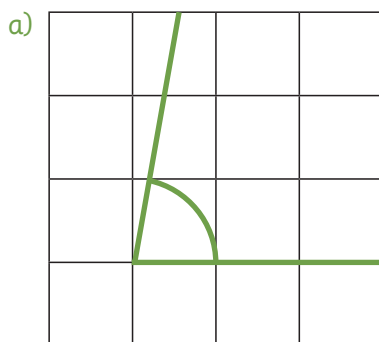
Answers

1. Estimate each of the angles below. Next, use a protractor to measure the angles and classify each one with its correct name. Fill in the table to show your work.



Angle	Estimate	Measurement	Classification
a	90 degrees	90 degrees	Right angle
b	95-105 degrees	100 degrees	Obtuse
c	30-40 degrees	35 degrees	Acute

2. Measure the angles below and fill in the table like you did for Question 1. Consider which side of the protractor's scales would be most helpful to use. You may need to rotate the page to make measuring easier.



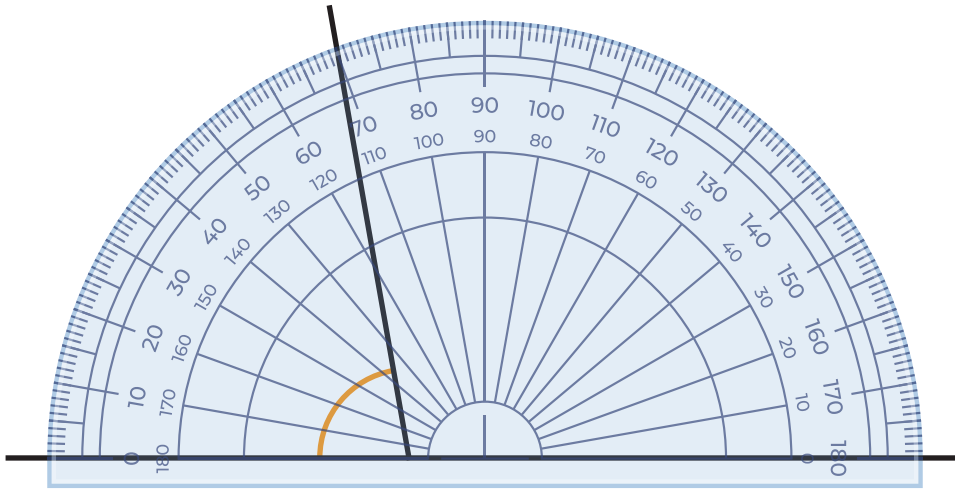
Angle	Estimate	Measurement	Classification
a	75-85 degrees	80 degrees	Acute
b	25-35 degrees	30 degrees	Acute
c	140-150 degrees	145 degrees	Obtuse

Measuring Angles

Answers

3. Martha is measuring these angles. What mistakes has she made?

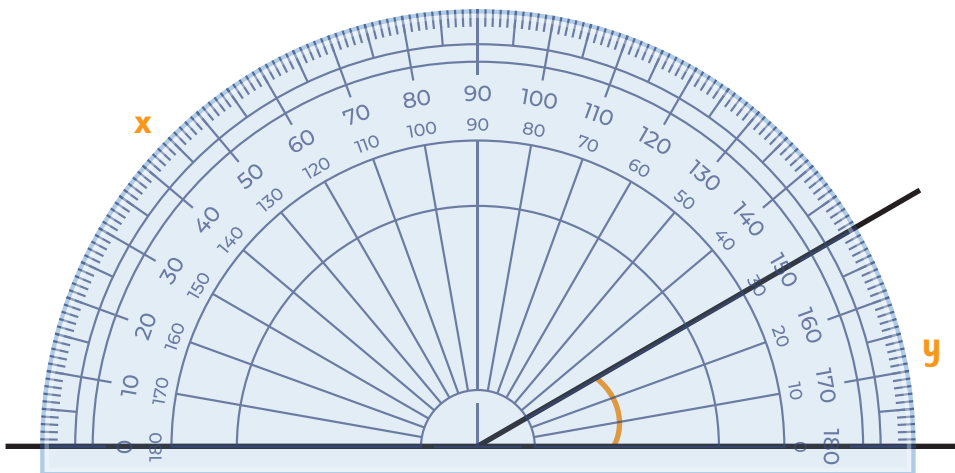
a)



Martha says that the angle is 70° .

Mistake: **She didn't place the protractor on the angle vertex.**

b)



Martha says that angle y is 150° .

Mistake: **Martha measured the wrong angle — angle y is 30 degrees.**