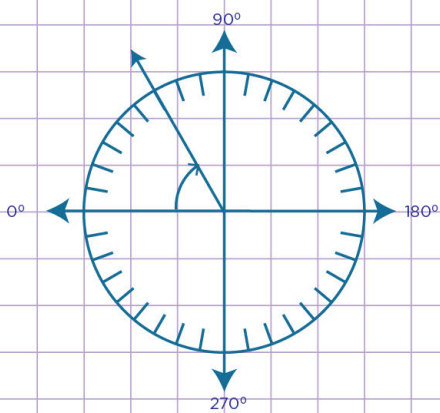


Name: Class:

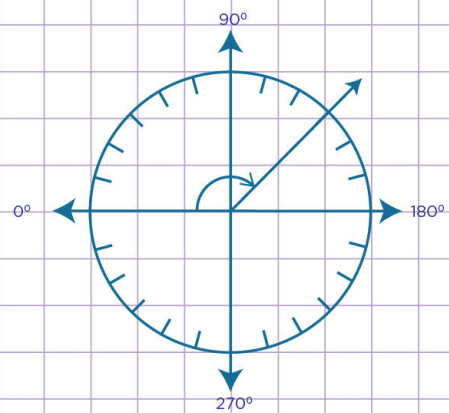
Measure angles on a circle

Write the measure of the angle indicated in the circle below.

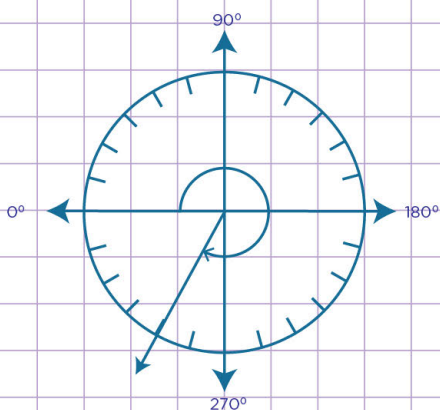
a.



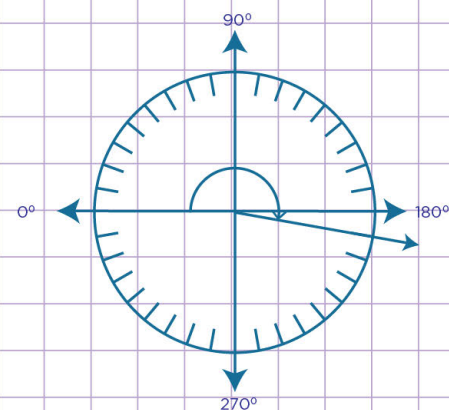
b.



c.



d.

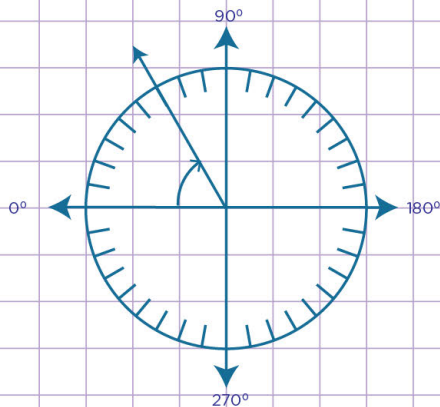


Name: Class:

Measure angles on a circle

Write the measure of the angle indicated in the circle below.

- a. Write the measure of the angle indicated in the circle below.



Let's first of all study how apart each dash is. You see that, each dash is 10° apart because when you count from 0° to 90° by 10° , you'll skip eight dashes.

Now, let's measure the angle.

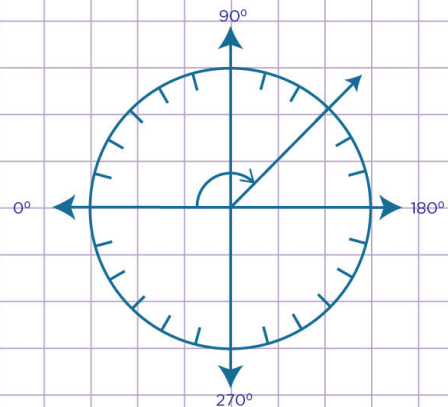
You see that, the angles ends on the sixth dash.

So, we have to count 10° six times, if we count by 10° six times we'll have

$$10 + 10 + 10 + 10 + 10 + 10 = 60^\circ$$

So, the measure of the angle is 60° .

- b. Write the measure of the angle indicated in the circle below.



let's first of all study how far apart each dash is. You see that each dash is 15° apart because when you count from 0° to 90° by 15° , you'll skip five dashes.

Now, let's measure the angle.

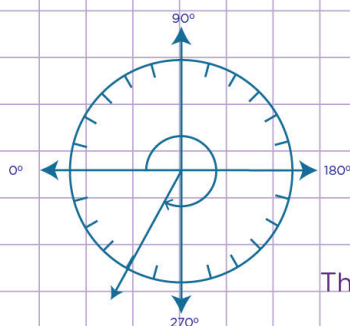
You see that, the angles ends on the ninth dash. So we have to count 15° nine times.

We'll have

$$15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 = 135^\circ$$

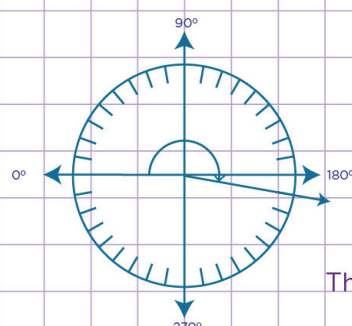
So, the measure of the angle is 135° .

c.



The mesure is 300° .

d.



The mesure is 190° .