

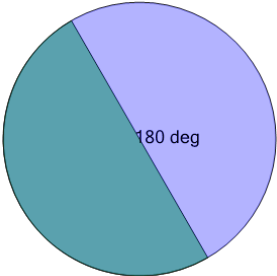


Math worksheet on 'Geometry of Circles - Sector Area - Total Area and Angle to Sector Area (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

Learn online: [app.mobius.academy/math/units/geometry\\_intermediate\\_practice/](http://app.mobius.academy/math/units/geometry_intermediate_practice/)

**2**

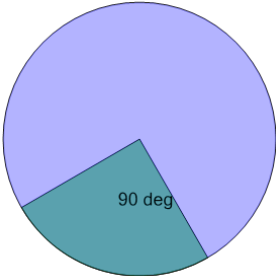
If the total area of the circle is 12, what is the area of the shaded sector?



<b>a</b>	7	<b>b</b>	6
<b>c</b>	9	<b>d</b>	8
<b>e</b>	4	<b>f</b>	5

**1**

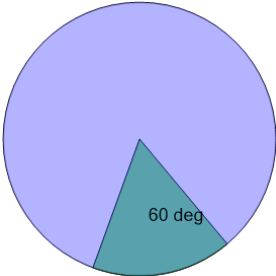
If the total area of the circle is 24, what is the area of the shaded sector?



<b>a</b>	8	<b>b</b>	6
<b>c</b>	9	<b>d</b>	4
<b>e</b>	2	<b>f</b>	5

**3**

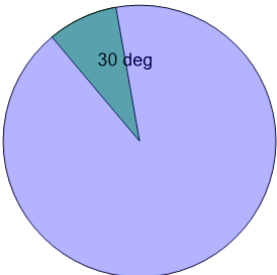
If the total area of the circle is 6, what is the area of the shaded sector?



<b>a</b>	0	<b>b</b>	1
<b>c</b>	4	<b>d</b>	3
<b>e</b>	2		

**4**

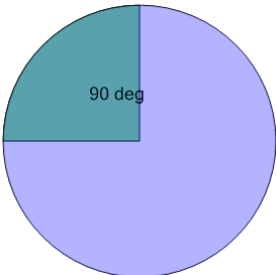
If the total area of the circle is 24, what is the area of the shaded sector?



<b>a</b>	4	<b>b</b>	5
<b>c</b>	1	<b>d</b>	2
<b>e</b>	0		

**5**

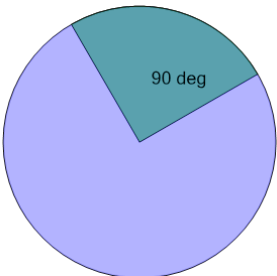
If the total area of the circle is 12, what is the area of the shaded sector?



<b>a</b>	6	<b>b</b>	3
<b>c</b>	2	<b>d</b>	0
<b>e</b>	1	<b>f</b>	5

**6**

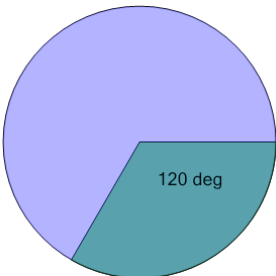
If the total area of the circle is 12, what is the area of the shaded sector?



<b>a</b>	3	<b>b</b>	1
<b>c</b>	5	<b>d</b>	4
<b>e</b>	6	<b>f</b>	0

**7**

If the total area of the circle is 24, what is the area of the shaded sector?



<b>a</b>	7	<b>b</b>	11
<b>c</b>	10	<b>d</b>	8
<b>e</b>	4	<b>f</b>	6