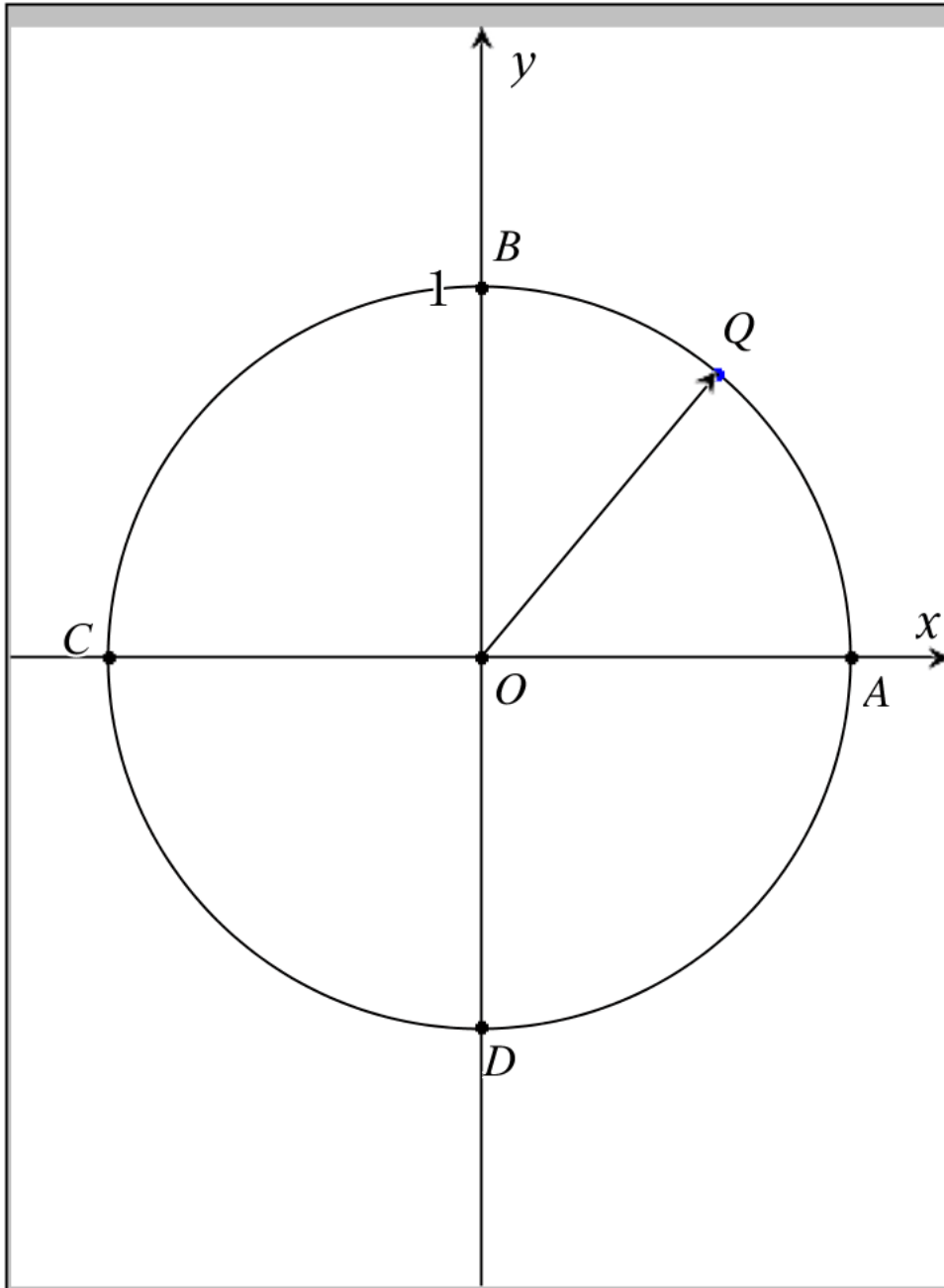


Problem 1



	A	B	C
=			
1	Given angle	$5 \cdot \pi / 18$	
2		radian	
3			
A1 "Given angle"			

Given angle $\frac{5 \cdot \pi}{18}$ radians ≈ 0.87 radians

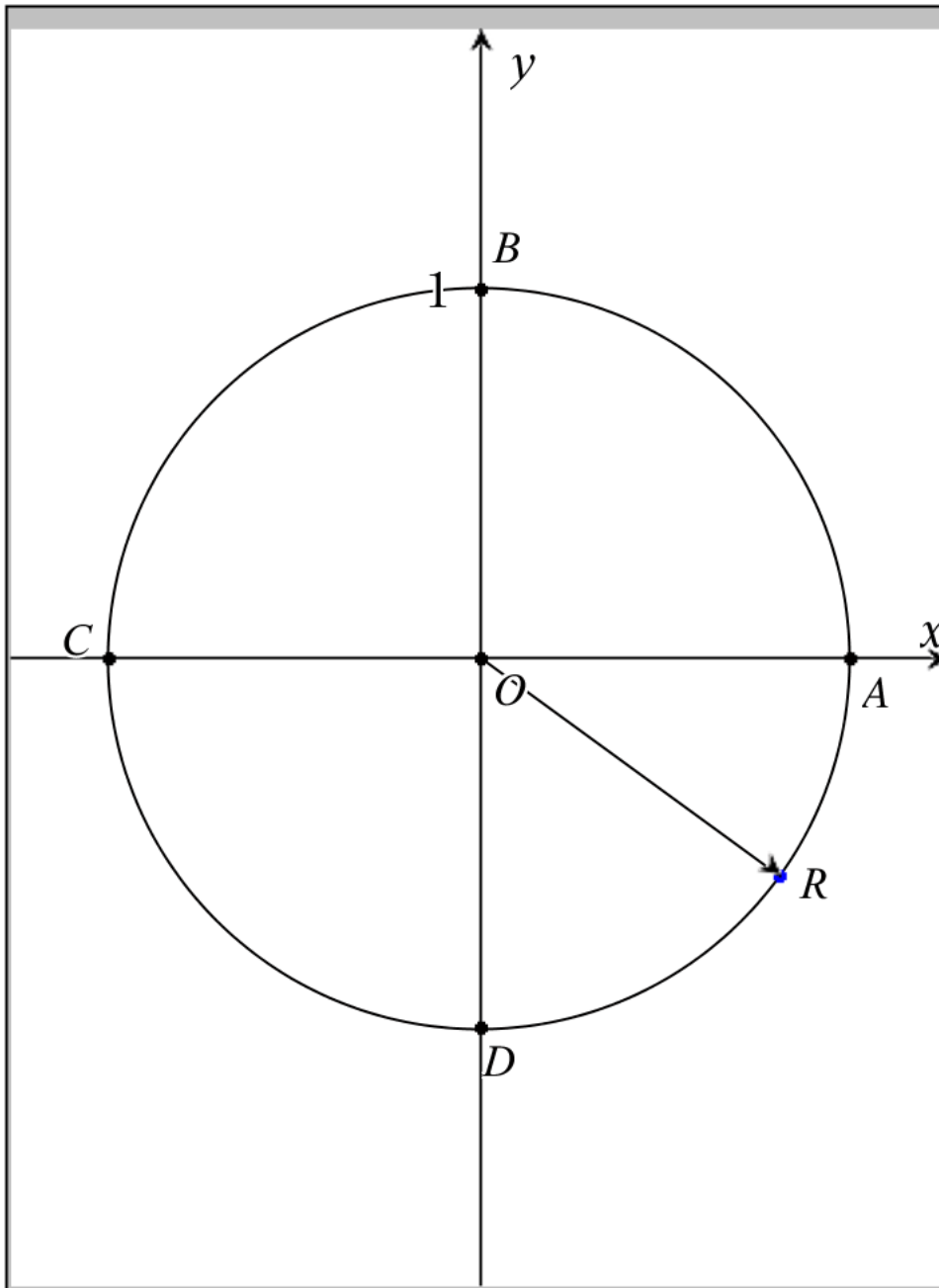
$$\frac{5 \cdot \pi}{18} \cdot \frac{180}{\pi} = \text{degree measure} = 50^\circ$$

approximate degree measure $50.^\circ$

This angle is a $\frac{5}{36}$ revolutions ≈ 0.14 rev.

This angle lies in Q1

Problem 2



	A	B	C
=			
1	Given angle	$19 \cdot \pi / 5$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{19 \cdot \pi}{5}$ radians ≈ 11.94 radians

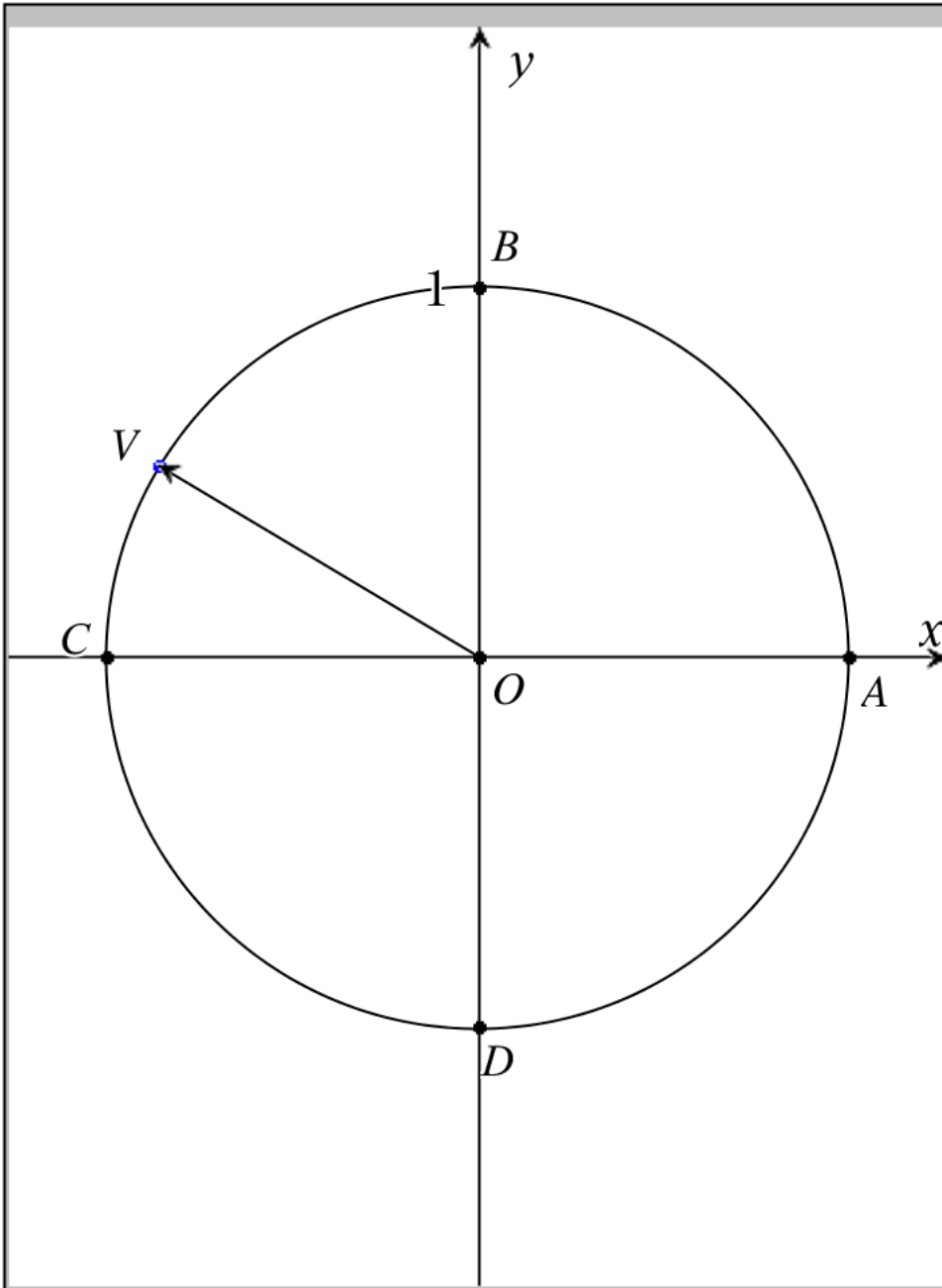
$$\frac{19 \cdot \pi}{5} \cdot \frac{180}{\pi} = \text{degree measure} = 684^\circ$$

approximate degree measure $684.^\circ$

This angle is a $1 + \frac{9}{10}$ revolutions ≈ 1.9 rev.

This angle lies in Q4

Problem 3



	A	B	C
=			
1	Given angle	2.6	
2		radian	
3			

A1 "Given angle "

Given angle 2.6 radians

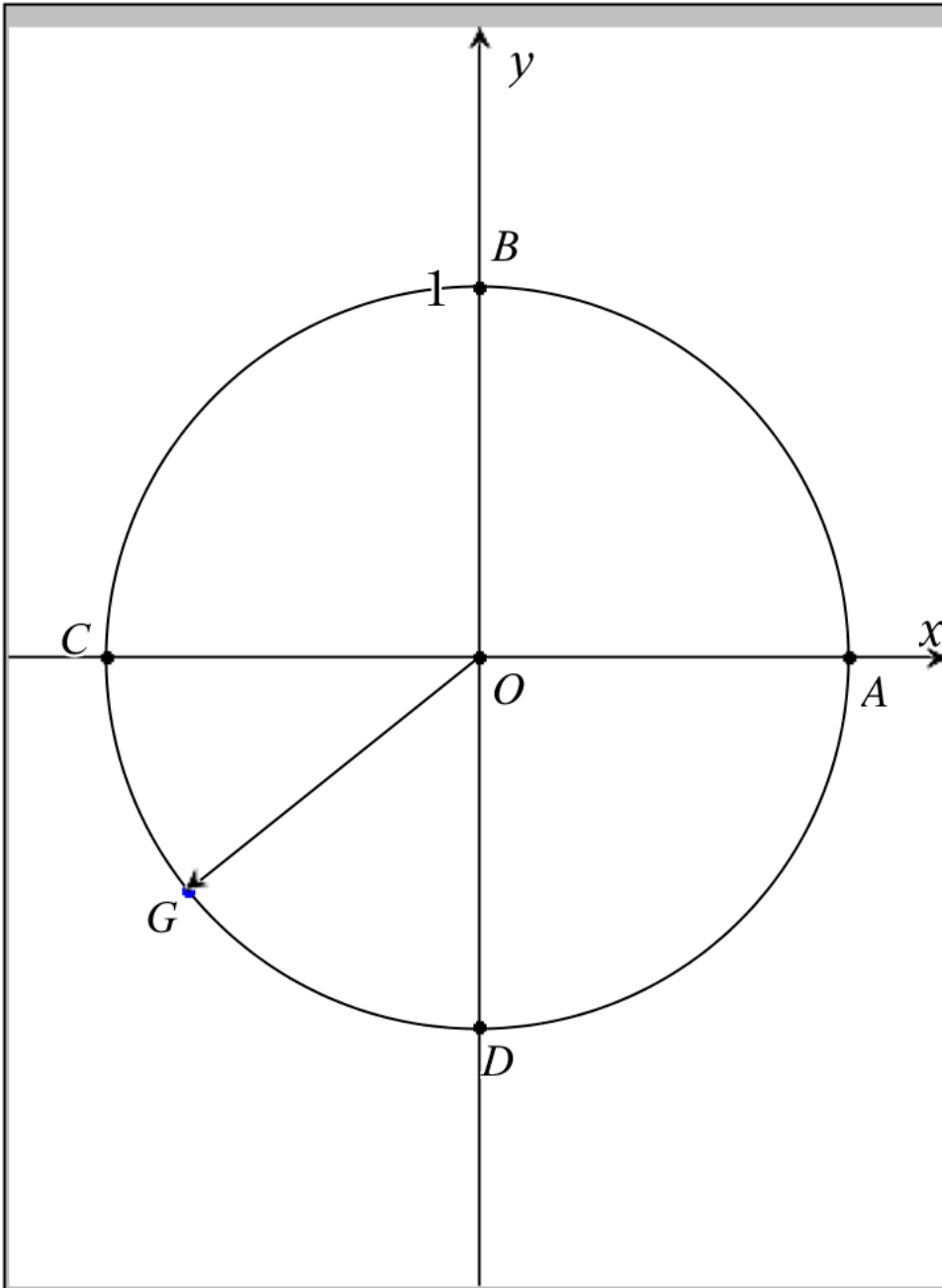
$$2.6 \cdot \frac{180}{\pi} = \text{degree measure} = 468. / \pi^\circ$$

approximate degree measure 148.97 °

This angle is ≈0.41 rev.

This angle lies in Q2

Problem 4



	A	B	C
=			
1	Given angle	12/(π)	
2		radian	
3			

A1 "Given angle"

Given angle $\frac{12}{\pi}$ radians ≈ 3.82 radians

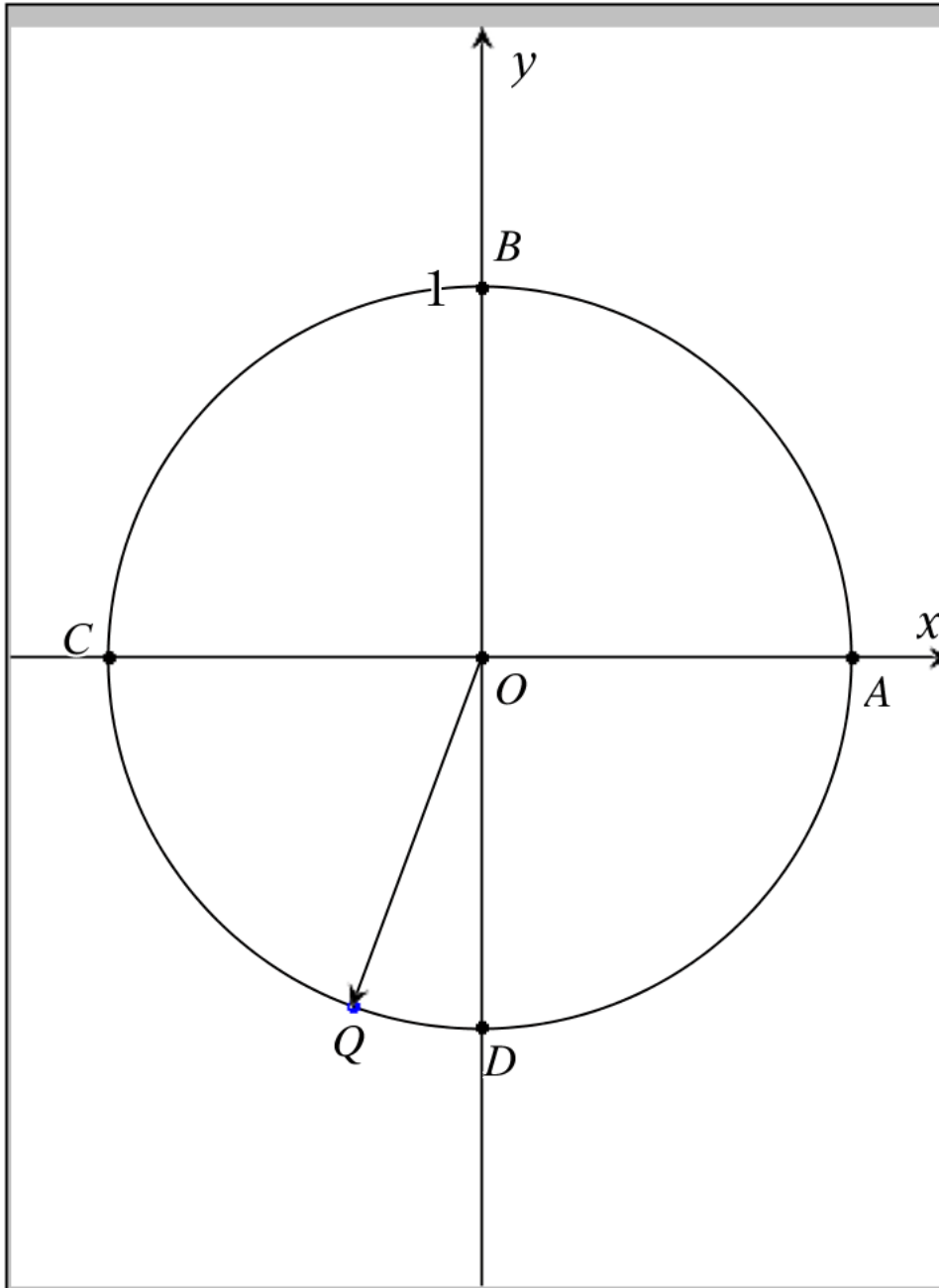
$$\frac{12}{\pi} \cdot \frac{180}{\pi} = \text{degree measure} = \frac{2160}{\pi^2} \circ$$

approximate degree measure 218.85 $^\circ$

This angle is ≈ 0.61 rev.

This angle lies in Q3

Problem 1



	A	B	C
=			
1	Given angle	$25 \cdot \pi / 18$	
2		radian	
3			

A1 "Given angle"

Given angle $\frac{25 \cdot \pi}{18}$ radians ≈ 4.36 radians

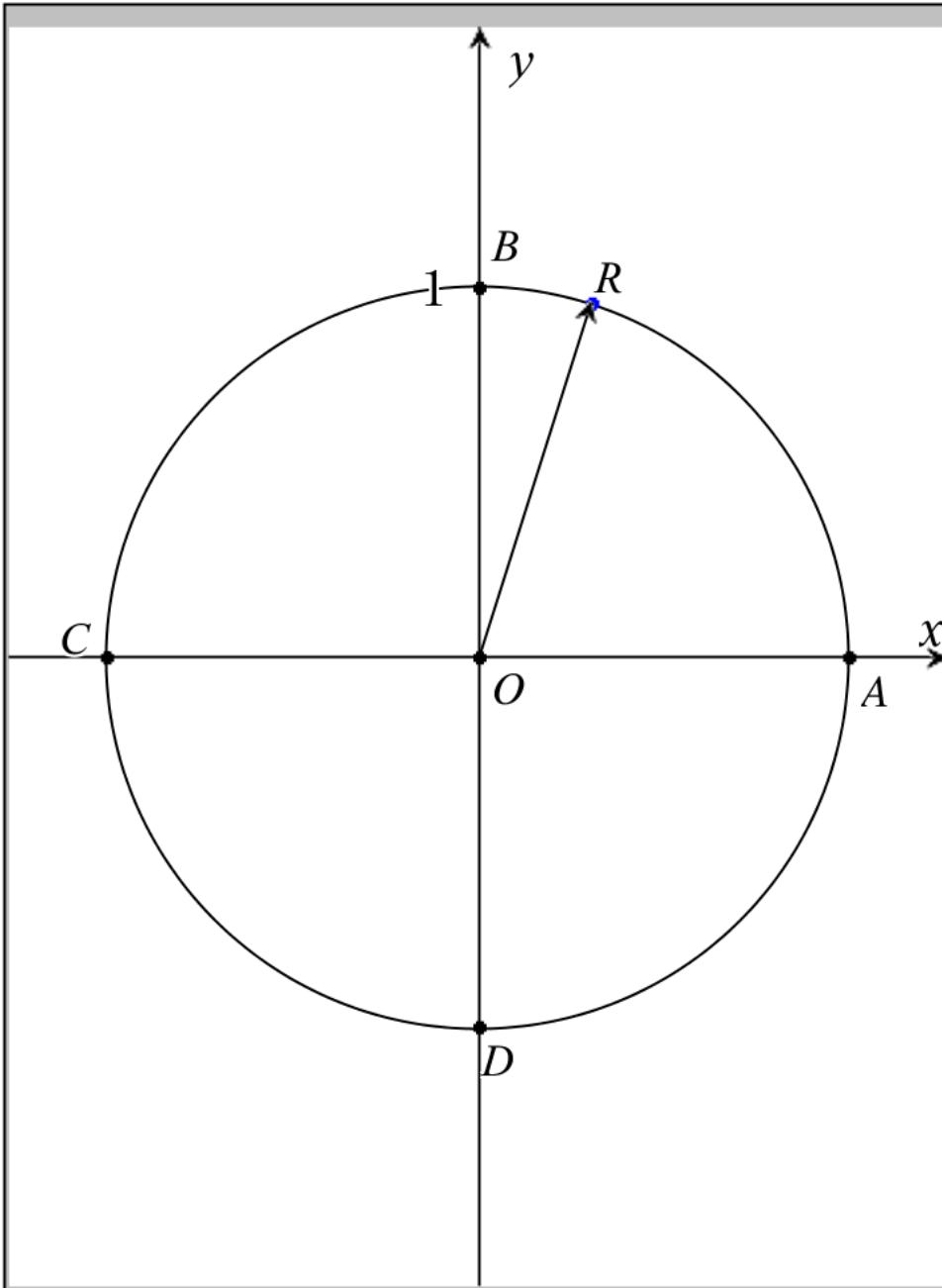
$$\frac{25 \cdot \pi}{18} \cdot \frac{180}{\pi} = \text{degree measure} = 250^\circ$$

approximate degree measure $250.^\circ$

This angle is a $\frac{25}{36}$ revolutions ≈ 0.69 rev.

This angle lies in Q3

Problem 2



	A	B	C
=			
1	Given angle	$32 \cdot \pi / 5$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{32 \cdot \pi}{5}$ radians ≈ 20.11 radians

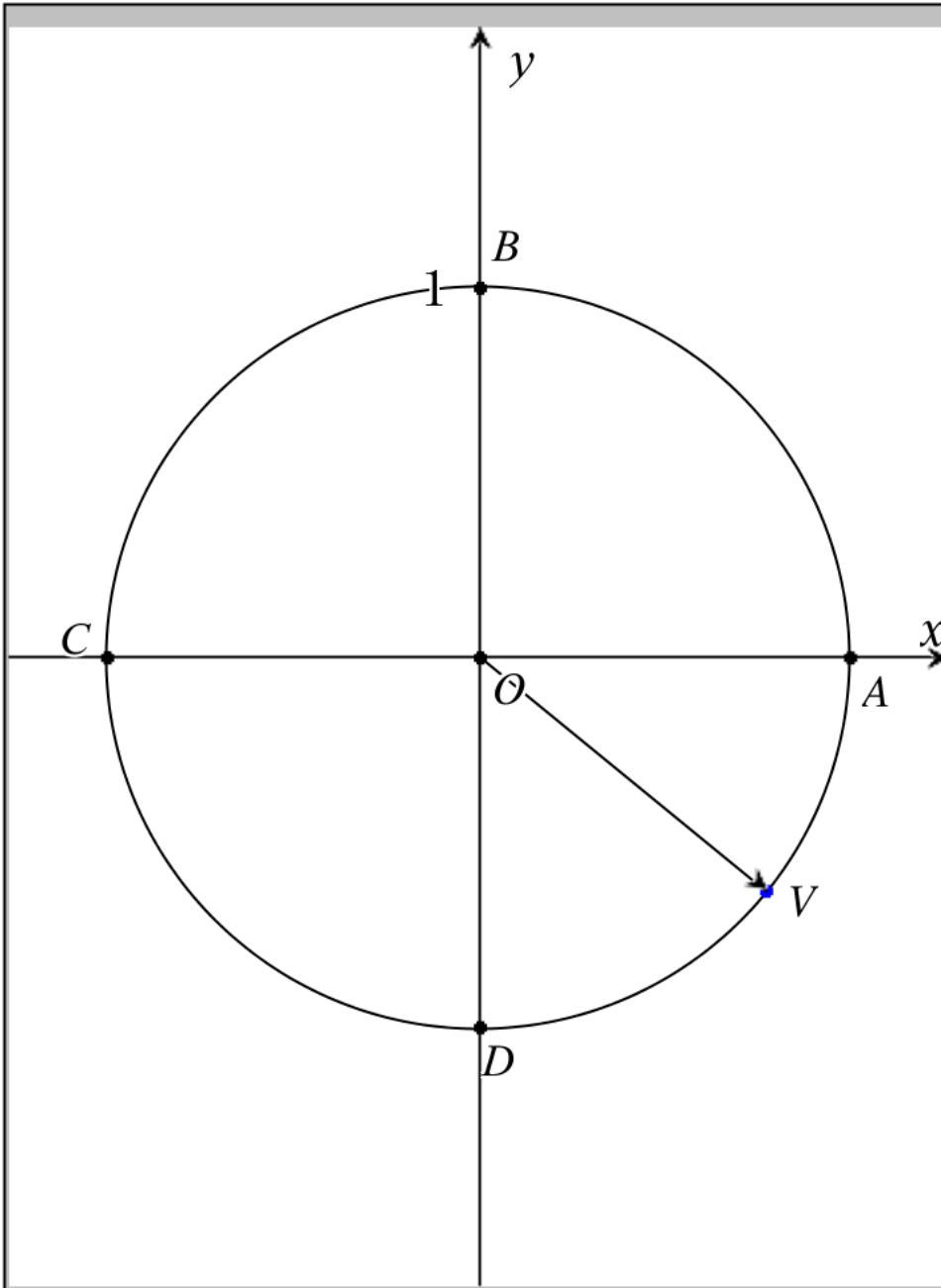
$\frac{32 \cdot \pi}{5} \cdot \frac{180}{\pi} = \text{degree measure} = 1152^\circ$

approximate degree measure $1152.^\circ$

This angle is a $3 + \frac{1}{5}$ revolutions ≈ 3.2 rev.

This angle lies in Q1

Problem 3



	B	C	D
=			
1	h angle	5.6	
2		radian	
3			

B1 5.6

Given angle 5.6 radians

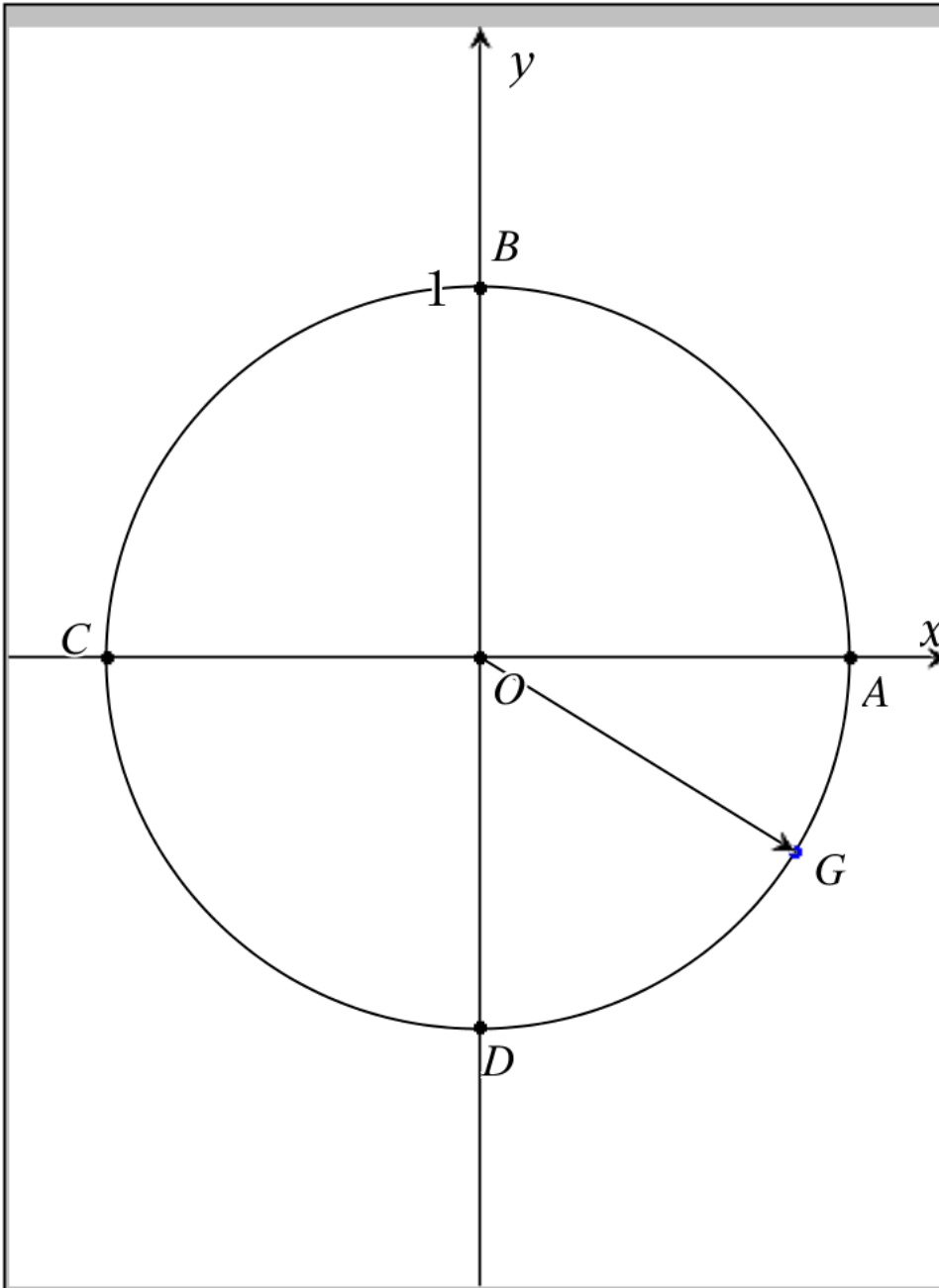
$$5.6 \cdot \frac{180}{\pi} = \text{degree measure} = 1008. / \pi^\circ$$

approximate degree measure 320.86 °

This angle is ≈ 0.89 rev.

This angle lies in Q4

Problem 4



	A	B	C
=			
1	Given angle	$18/(\pi)$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{18}{\pi}$ radians ≈ 5.73 radians

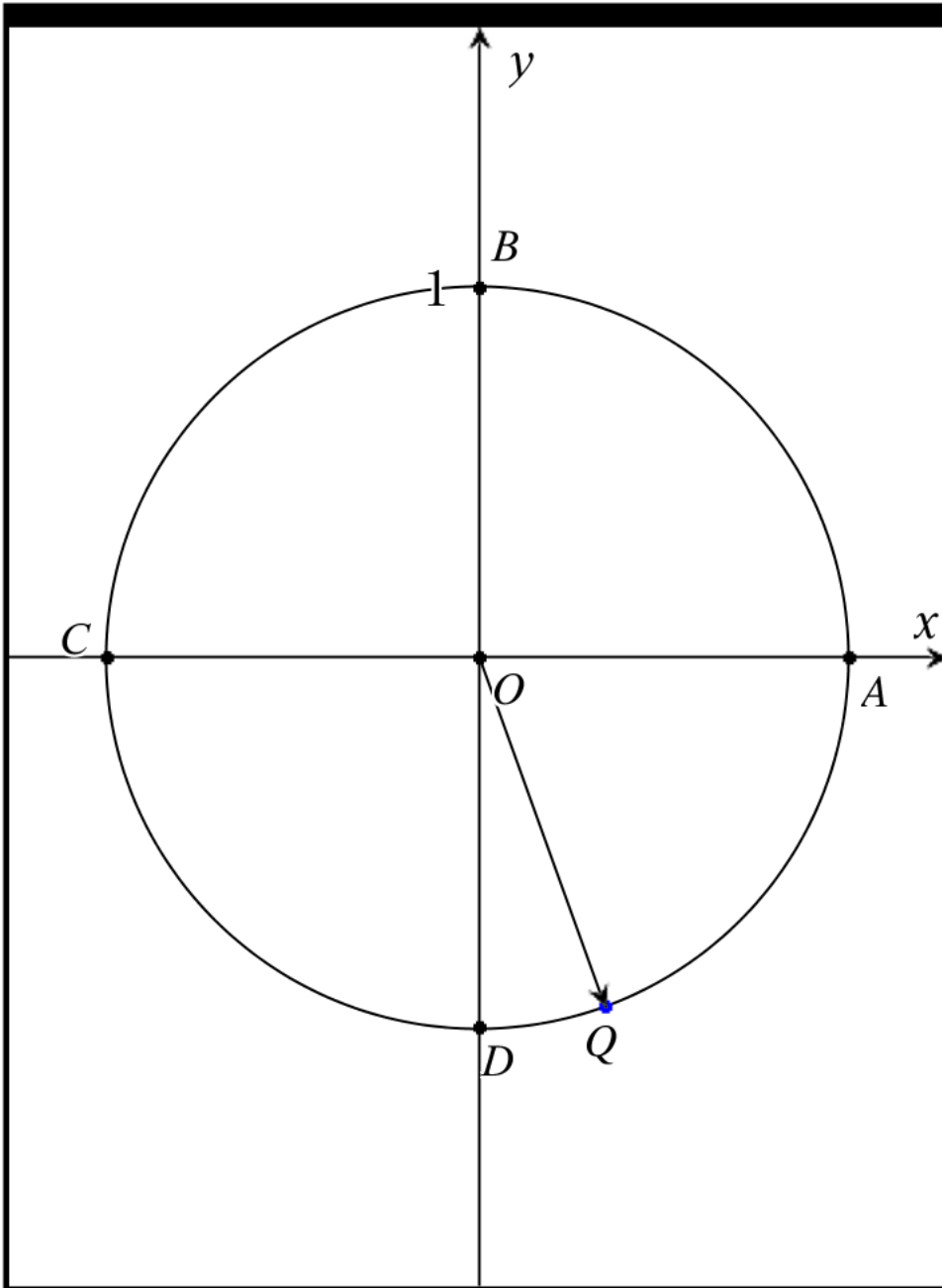
$$\frac{18}{\pi} \cdot \frac{180}{\pi} = \text{degree measure} = \frac{3240}{\pi^2} \circ$$

approximate degree measure $328.28 \circ$

This angle is ≈ 0.91 rev.

This angle lies in Q4

Problem 1



	A	B	C
=			
1	Given angle	$29 \cdot \pi / 18$	
2		radian	
3			

A1 "Given angle"

Given angle $\frac{29 \cdot \pi}{18}$ radians

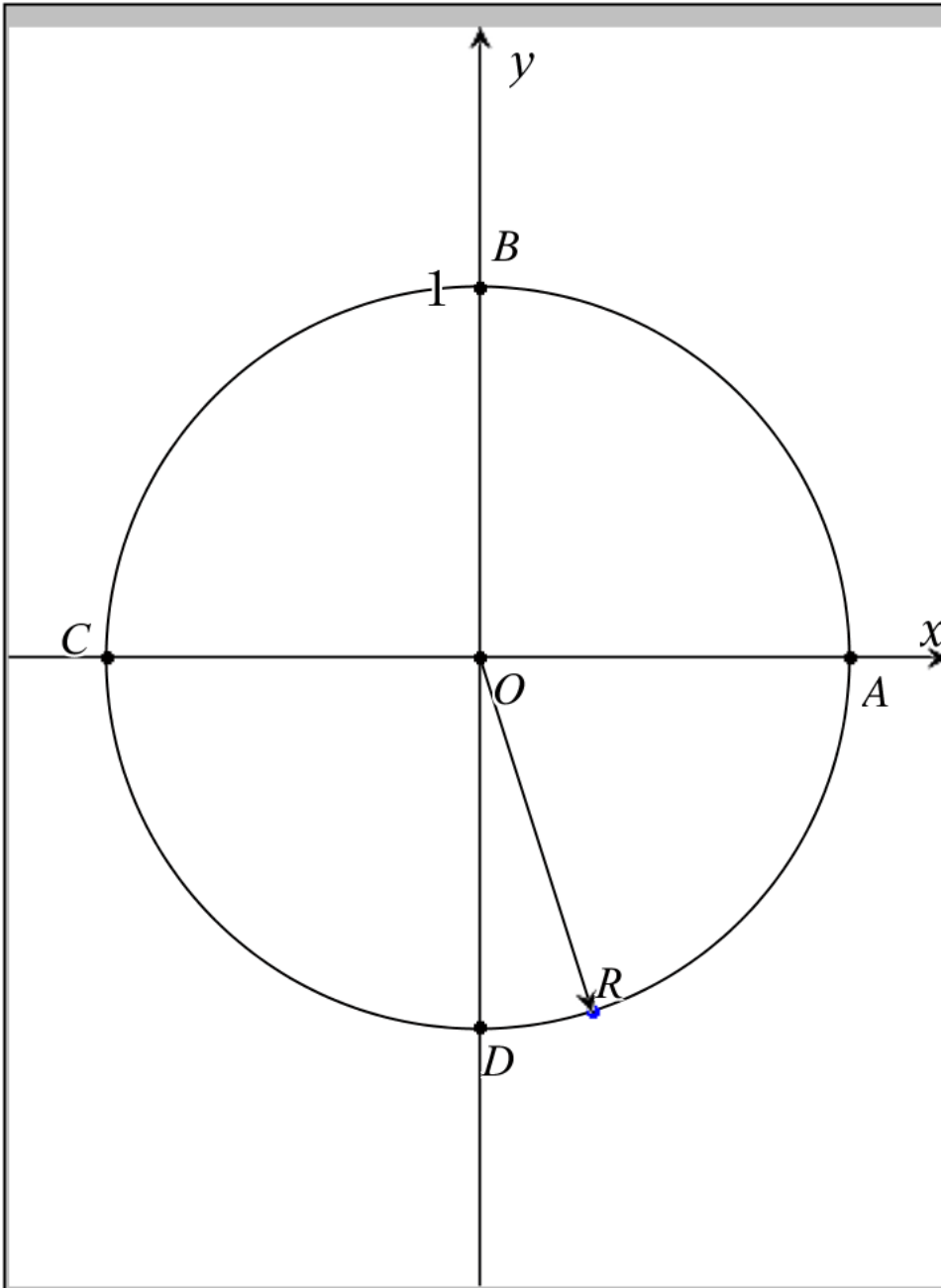
$$\frac{29 \cdot \pi}{18} \cdot \frac{180}{\pi} = \text{degree measure} = 290^\circ$$

approximate radian measure $290.^\circ$

This angle is a $\frac{29}{36}$ revolutions ≈ 0.81 rev.

This angle lies in Q4

Problem 2



	A	B	C
=			
1	Given angle	$8 \cdot \pi / 5$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{8 \cdot \pi}{5}$ radians

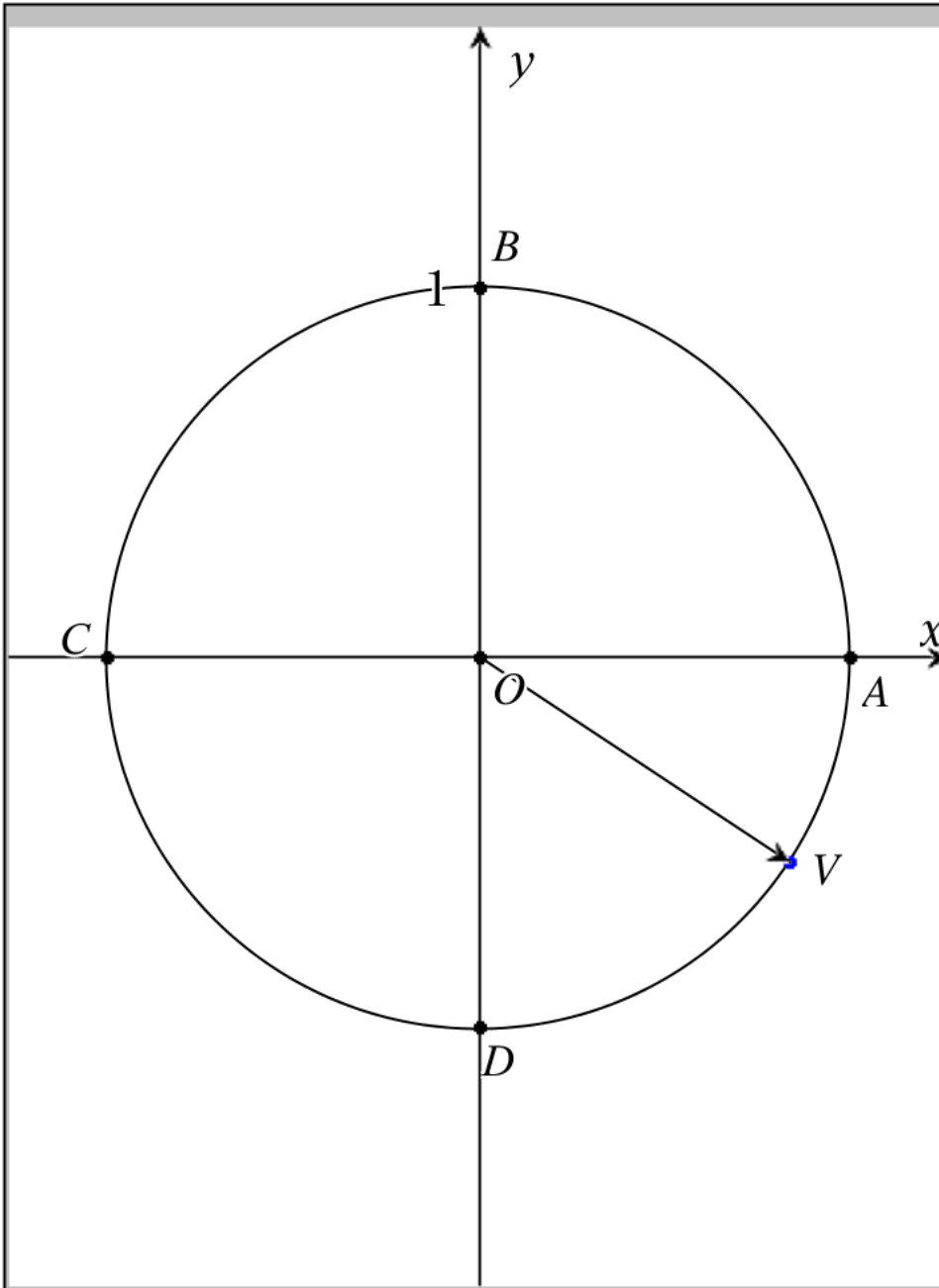
$$\frac{8 \cdot \pi}{5} \cdot \frac{180}{\pi} = \text{degree measure} = 288^\circ$$

approximate radian measure $288.^\circ$

This angle is a $\frac{4}{5}$ revolutions ≈ 0.8 rev.

This angle lies in Q4

Problem 3



	A	B	C
=			
1	Given angle	5.7	
2		radian	
3			

A1 "Given angle "

Given angle 5.7 radians

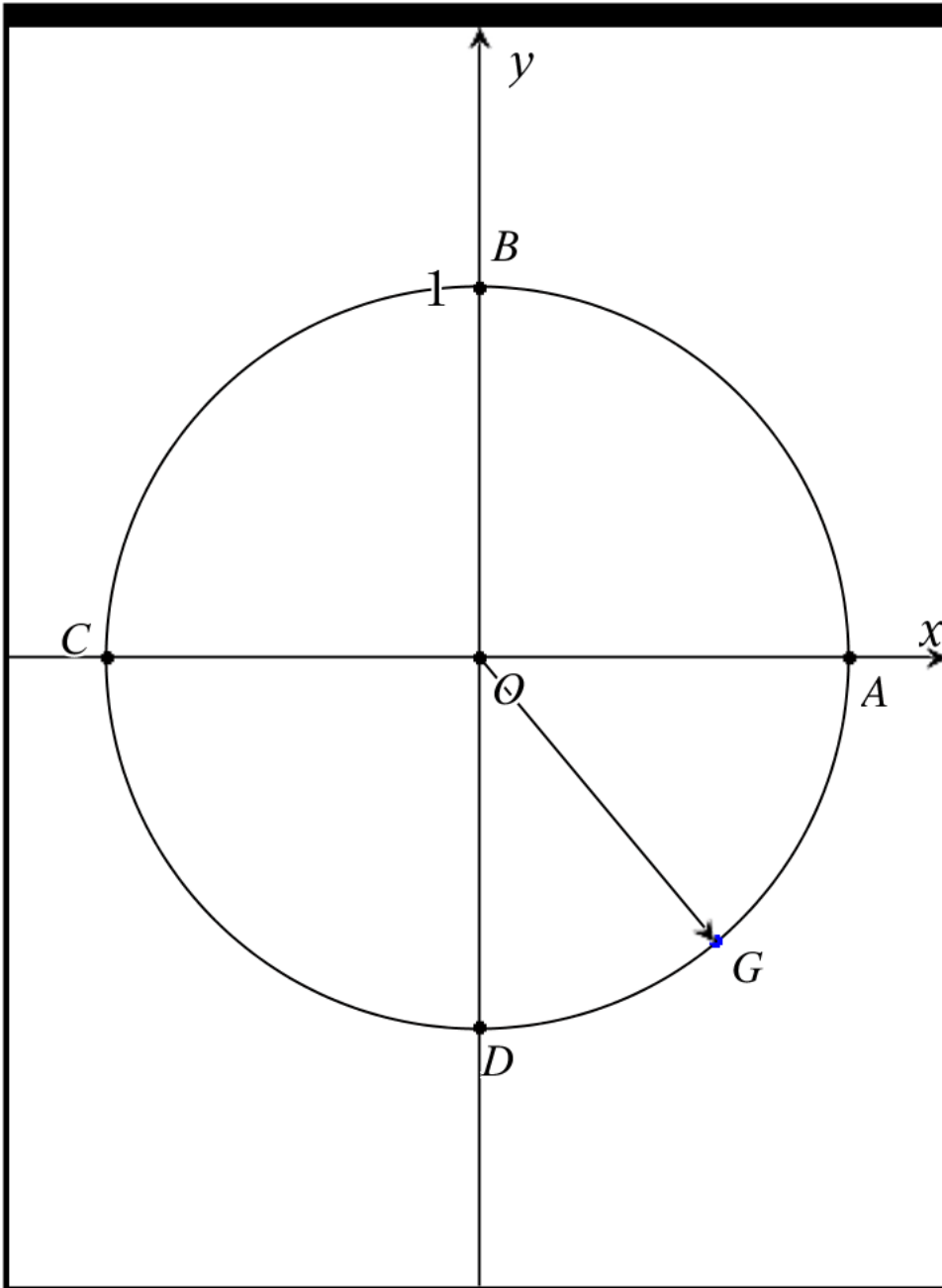
$$5.7 \cdot \frac{180}{\pi} = \text{degree measure} = 1026. / \pi^\circ$$

approximate radian measure 326.59 °

This angle is ≈0.91 rev.

This angle lies in Q4

Problem 4



	A	B	C
=			
1	Given angle	$17/(\pi)$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{17}{\pi}$ radians

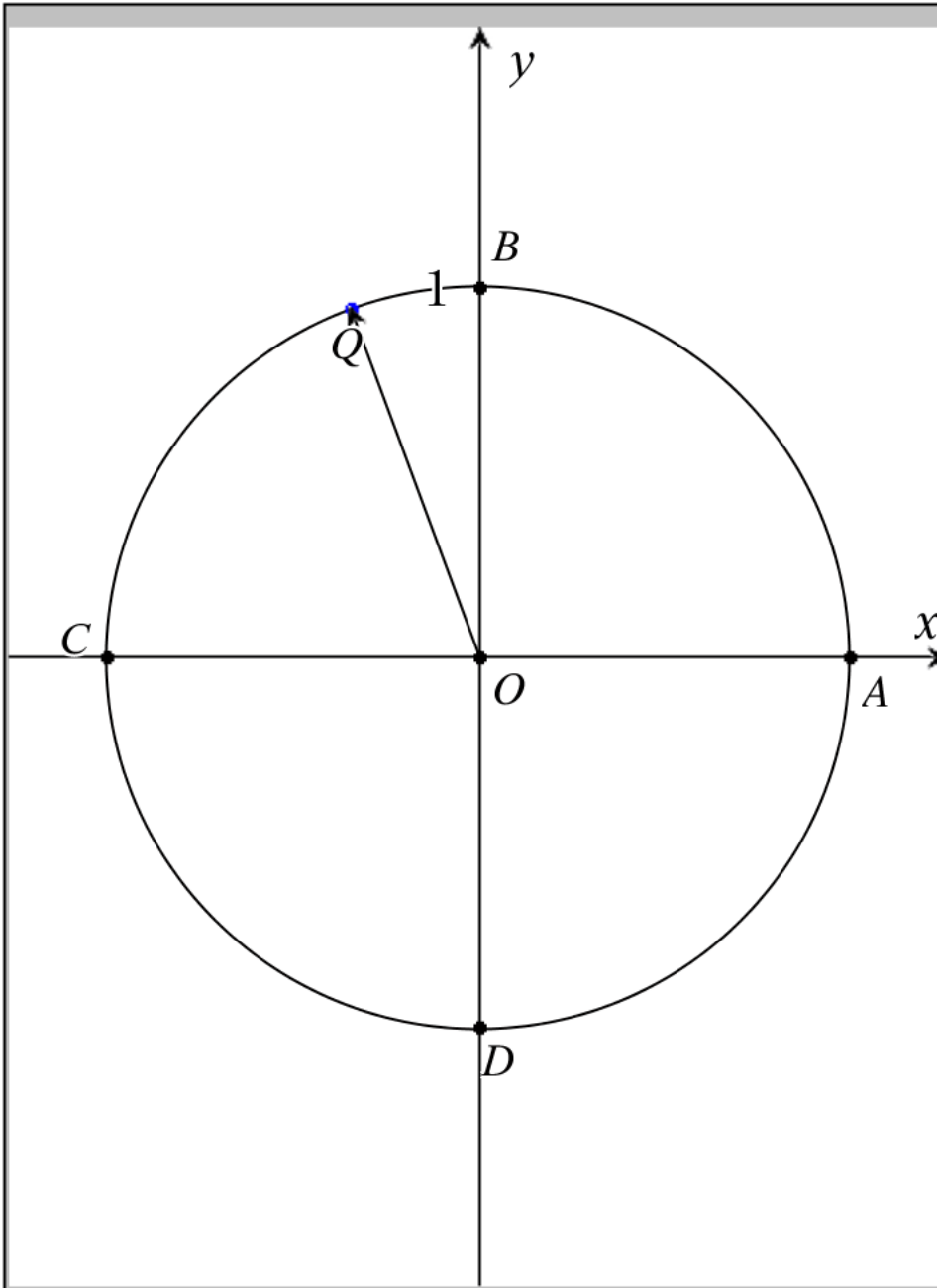
$$\frac{17}{\pi} \cdot \frac{180}{\pi} = \text{degree measure} = \frac{3060}{\pi^2} \circ$$

approximate radian measure 310.04 °

This angle is ≈ 0.86 rev.

This angle lies in Q4

Problem 1



	A	B	C
=			
1	Given angle	$11 \cdot \pi / 18$	
2		radian	
3			

A1 "Given angle"

Given angle $\frac{11 \cdot \pi}{18}$ radians ≈ 1.92 radians

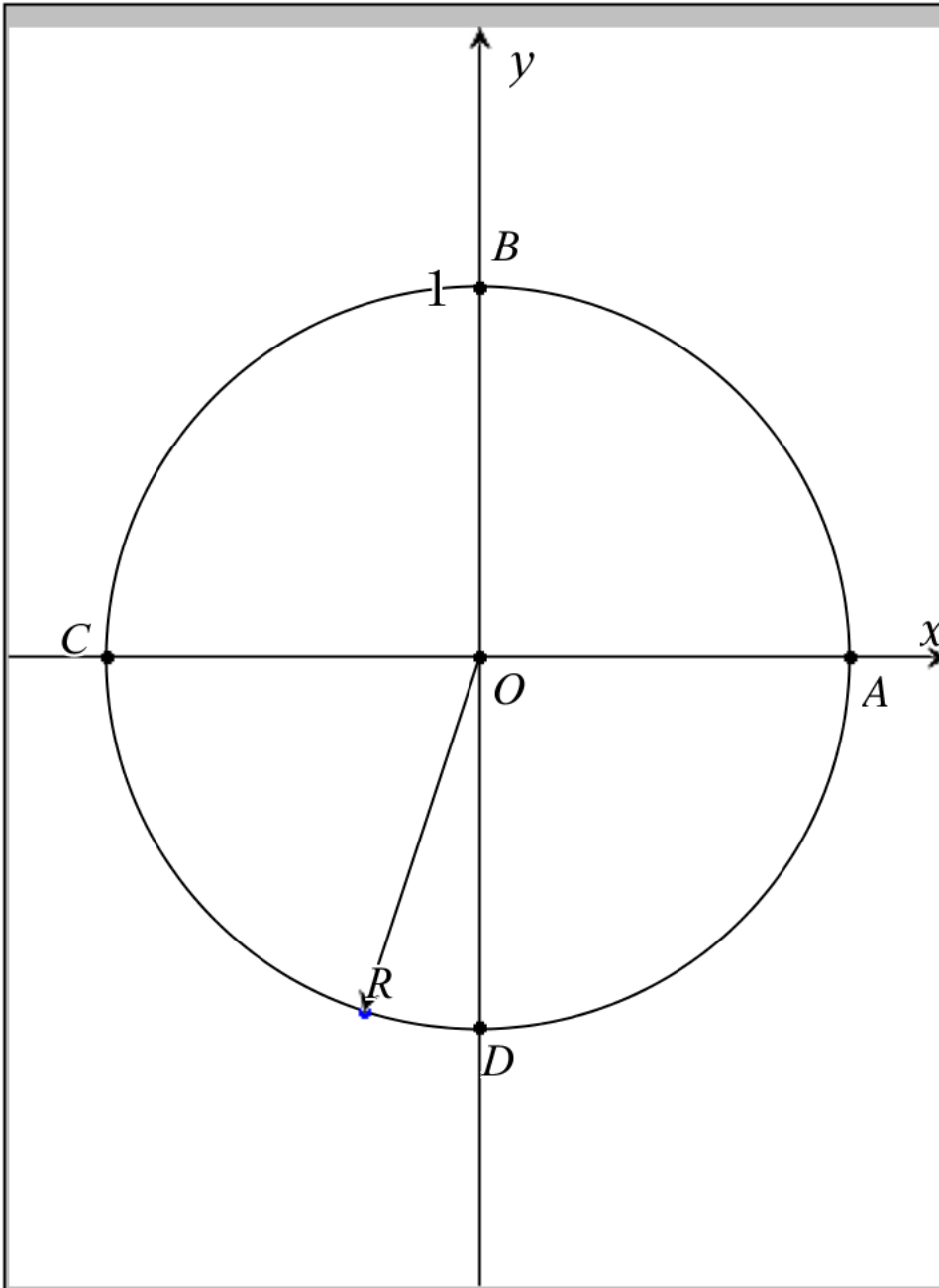
$$\frac{11 \cdot \pi}{18} \cdot \frac{180}{\pi} = \text{degree measure} = 110^\circ$$

approximate degree measure $110.^\circ$

This angle is a $\frac{11}{36}$ revolutions ≈ 0.31 rev.

This angle lies in Q2

Problem 2



	A	B	C
=			
1	Given angle	$7 \cdot \pi / 5$	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{7 \cdot \pi}{5}$ radians ≈ 4.4 radians

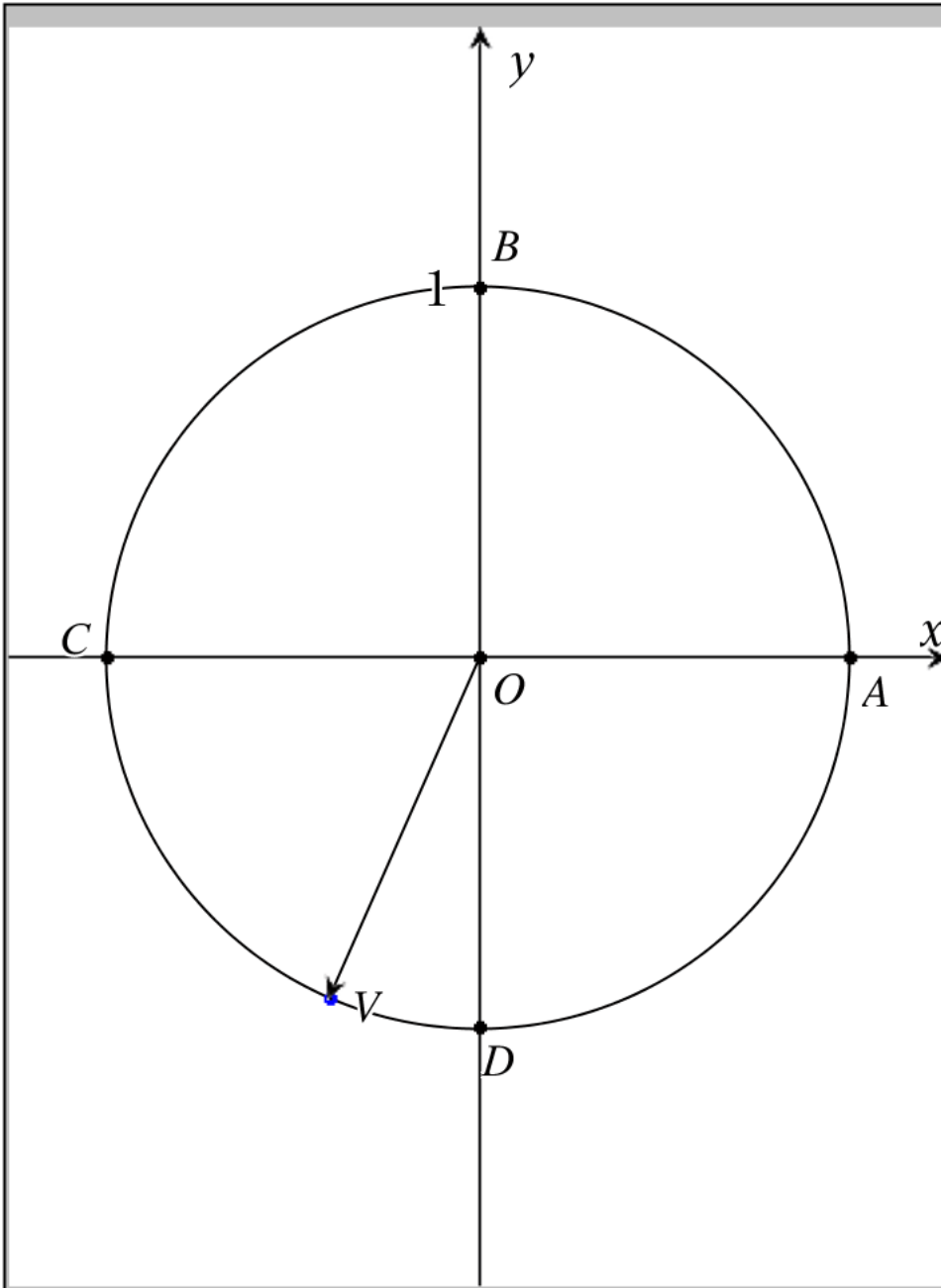
$$\frac{7 \cdot \pi}{5} \cdot \frac{180}{\pi} = \text{degree measure} = 252^\circ$$

approximate degree measure $252.^\circ$

This angle is a $\frac{7}{10}$ revolutions ≈ 0.7 rev.

This angle lies in Q3

Problem 3



	A	B	C
=			
1	Given angle	4.3	
2		radian	
3			

A1 "Given angle "

Given angle 4.3 radians

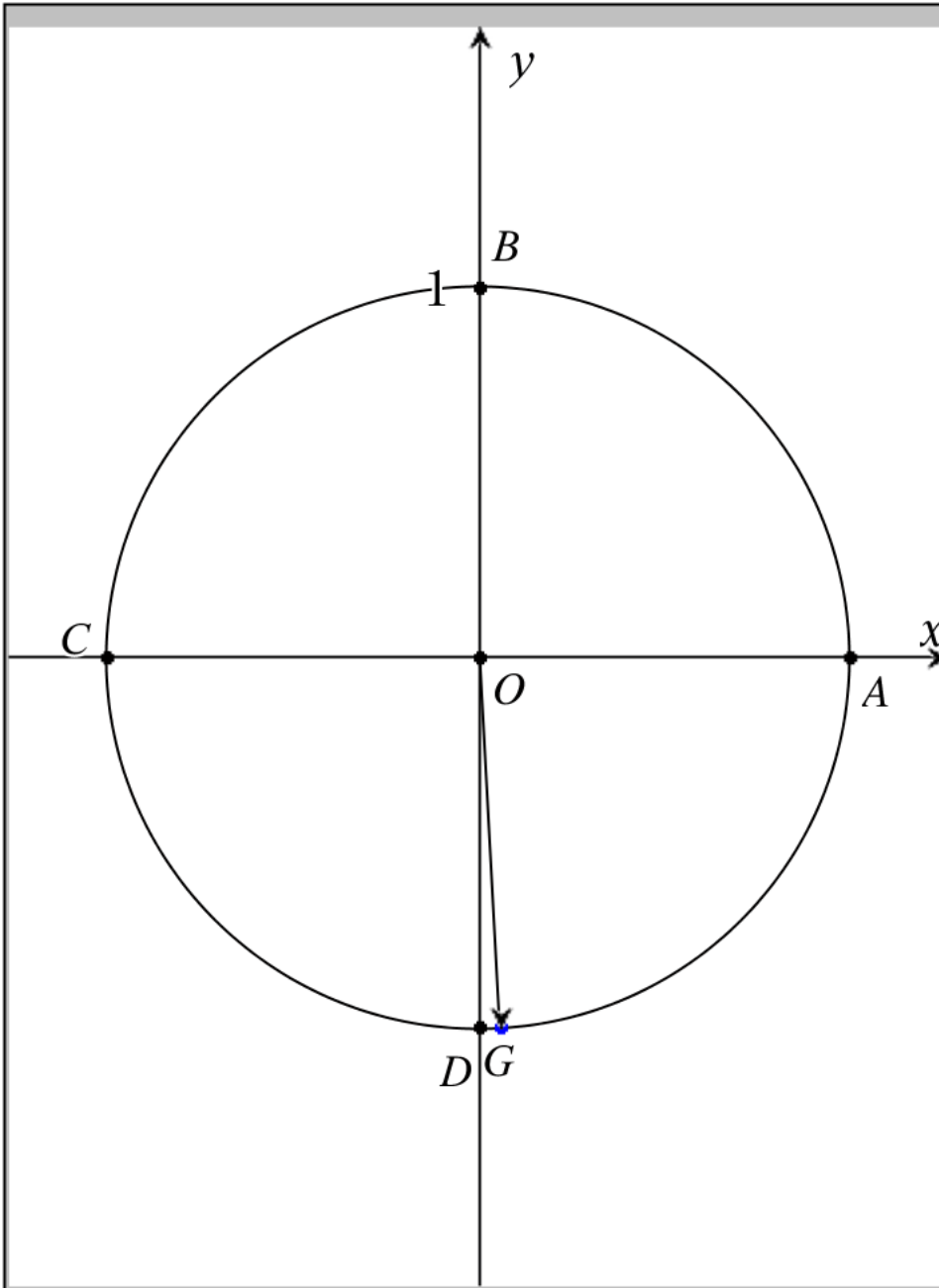
$$4.3 \cdot \frac{180}{\pi} = \text{degree measure} = 774. / \pi^\circ$$

approximate degree measure 246.37 °

This angle is ≈0.68 rev.

This angle lies in Q3

Problem 4



	A	B	C
=			
1	Given angle	15/(π)	
2		radian	
3			

A1 "Given angle "

Given angle $\frac{15}{\pi}$ radians ≈ 4.77 radians

$$\frac{15}{\pi} \cdot \frac{180}{\pi} = \text{degree measure} = \frac{2700}{\pi^2} \circ$$

approximate degree measure 273.57 °

This angle is ≈ 0.76 rev.

This angle lies in Q4