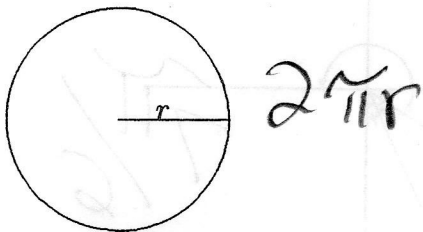


1. What is the circumference?



2. If you measured the circumference in terms of the circle's own radius (r), how many are there going once around the circle (360°)

2π

3. How many radians are there in 360° ?

2π

4. How many radians are there in a straight angle (180°)?

π

5. How many radians in a right angle?

$\pi/2$

6. How many radians is each angle of an equilateral triangle?

$\pi/3$

7. The minute hand of a clock travels how many radians in 15 minutes?

$\pi/2$

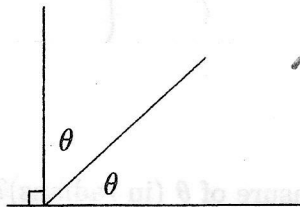
8. The minute hand of a clock travels how many radians in 10 minutes?

$\pi/3$

9. The minute hand of a clock travels how many radians in 5 minutes?

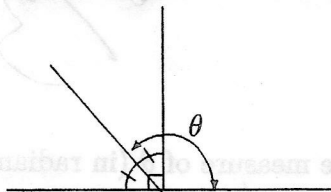
$\pi/6$

10. The measure of θ (in radians):



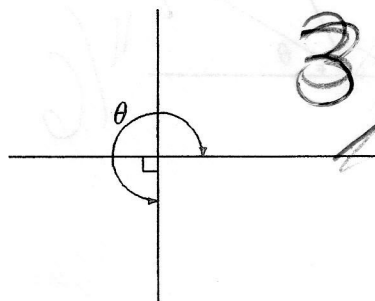
$\pi/4$

11. What is the measure of θ (in radians)?



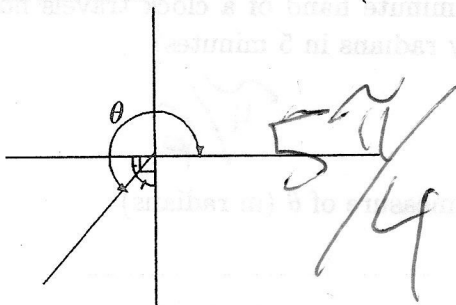
$3\pi/4$

12. What is the measure of θ (in radians)?

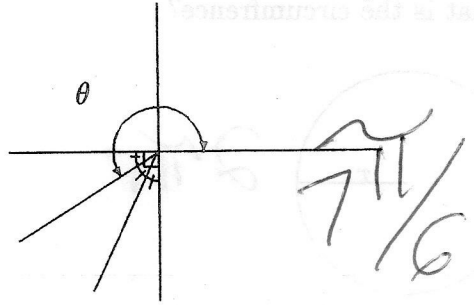


$3\pi/2$

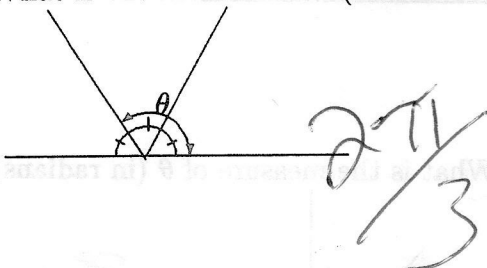
13. What is the measure of θ (in radians)?



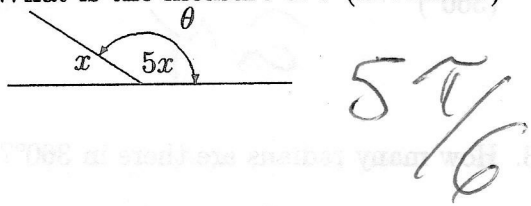
17. What is the measure of θ (in radians)?



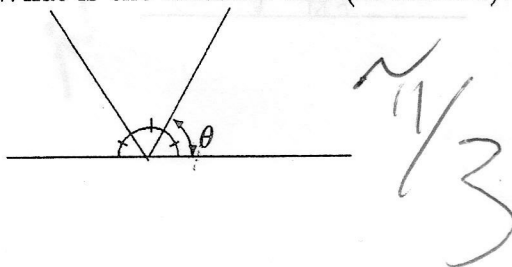
14. What is the measure of θ (in radians)?



18. What is the measure of θ (in radians)?



15. What is the measure of θ (in radians)?



19. $\frac{\pi}{3}$ radians is how many degrees?

60

20. $\frac{\pi}{6}$ radians is how many degrees?

30°

21. $\frac{\pi}{2}$ radians is how many degrees?

90°

22. $\frac{\pi}{4}$ radians is how many degrees?

45°

23. $\frac{3\pi}{4}$ radians is how many degrees?

135°

24. $\frac{2\pi}{3}$ radians is how many degrees?

120°