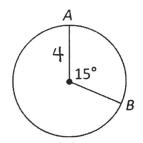
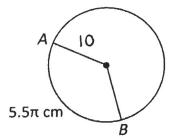
Standard: Arc Length and Area of Sector

*****YOU MUST SHOW WHAT FORMULA YOU USE AND HOW YOU SET IT UP*****

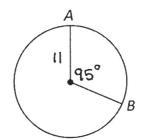
- 1. Find the circumference of a circle with a radius of 24 inches
- 2. Find the circumference of a circle with a radius of 18 inches
- 3. Find the radius of a circle with a circumference of 12 yards.
- 4. Find the radius of a circle with a circumference of \mathcal{W} yards.
- 5. Find the length of AB



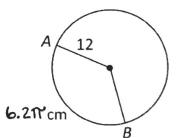
7. Find the degrees of AB



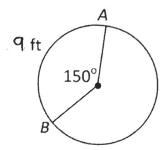
6. Find the length of AB



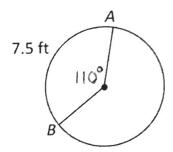
8. Find the degrees of AB



9. Find the radius of the circle.



10. Find the radius of the circle

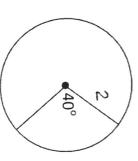


11. A clock has its hands at 4 o'clock, If the arc length formed by the hands is 12.56 cm, what is the value for the length of the radius of the clock?

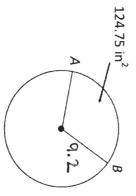
12. A clock has its hands at 2 o'clock. If the arc length formed by the hands is 15.68 cm, what is the value for the length of the radius of the clock?

- 13. Find the area of a circle with a diameter of 8.4 cm
- 14. Find the area of a circle with a diameter of 6.2 cm
- 15. Find the diameter of a circle with area equal to 654 m²
- 16. Find the diameter of a circle with area equal to 726 m²

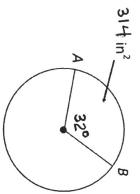
17. Find the area of the shaded sector



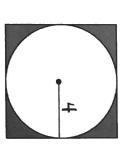
19. Find the degrees of AB



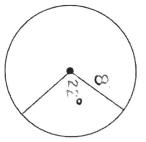
21. Find the radius of the circle



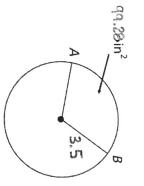
23. Find the area of the shaded region



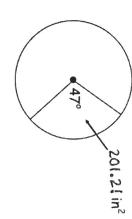
18. Find the area of the shaded sector



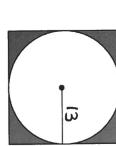
20. Find the degrees of AB



22. Find the radius of the circle

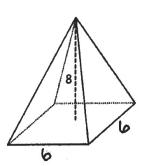


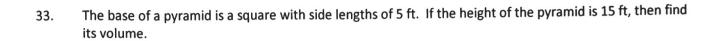
24. Find the area of the shaded region



Standard: Volume

- 25. Find the volume of a sphere that has a diameter of 24 ft.
- 26. Find the volume of a sphere that has a diameter of 30 ft.
- 27. Find the volume of a basketball if its radius is 4.98 in.
- 28. Find the volume of a basketball if its radius is 3.45 in
- 29. A sphere has radius of 10 feet. If the length of the radius of this sphere is tripled, then what is the volume of this new sphere?
- 30. A sphere has radius of 5 feet. If the length of the radius of this sphere is tripled, then what is the volume of this new sphere?
- 31. Find the volume of pyramid.





34. Find the volume of a cylinder with a height of 6 meters and a base with area 110π .

35. Find the volume of a cylinder with a height of 8 meters and a base with area 96π .

36. The base of a cone has a radius of 18 ft and a height of 22ft. Find its volume.

37. Find the volume of the cone below.

