

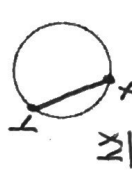
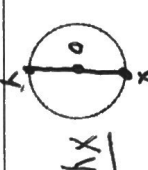
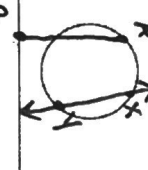


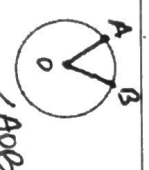
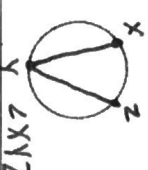

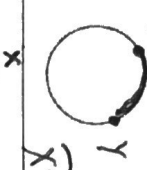
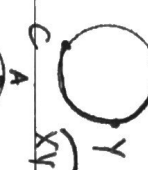




PARTS OF CIRCLES DICTIONARY


CIRCLE	A set of points equidistant from the center	
RADIUS	A segment whose endpoints are at the center and on the circle	
CHORD	A segment whose endpoints are on the circle.	
$d = 2r$ DIAMETER	The longest chord! A chord that goes through the center.	
SECANT	A segment/line/ray that intersects a circle in 2 places	
TANGENT	line/ray/segment that intersects a circle in one spot.	
POINT OF TANGENCY	The point at which a tangent line intersects a circle	

CENTRAL ANGLE	An angle whose vertex is at the center of the circle.	
INSCRIBED ANGLE	An angle whose vertex is on the circle.	
ARC	A portion of the circle and it's defined by 2 endpoints	
MINOR ARC	An arc that measures less than 180° * USE 2 letters	
MAJOR ARC	An arc that measures more than 180° * USE 3 letters	
SEMICIRCLE	An arc that measures exactly 180° * USE 3 letters	

Area & Circumference FORMULAS	AREA FORMULA	CIRCUMFERENCE FORMULA
	$A = \pi r^2$	$C = 2\pi r$ $C = d\pi$

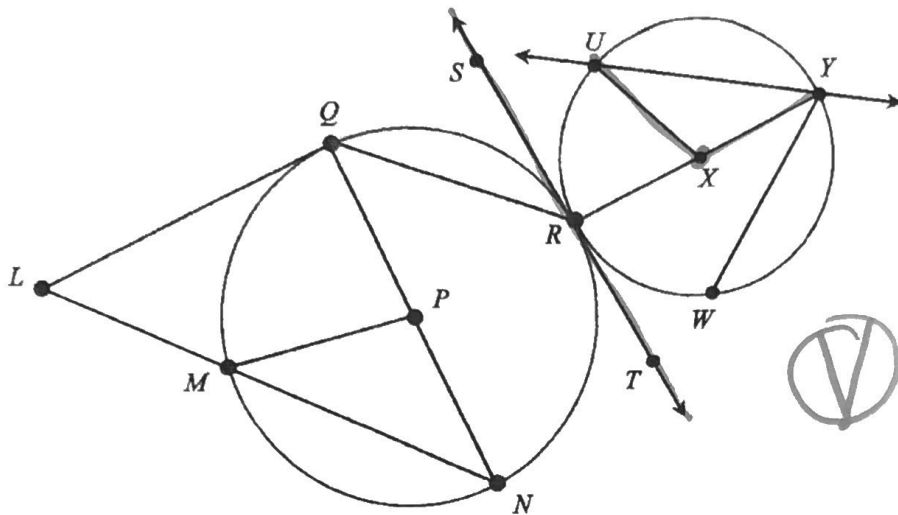


$A = 2\pi m^2$ (exact)
 $A \approx 6.28 m^2$ (approx.)



Name that Circle Part!

Directions: Use the diagram below along with the bank to classify each circle part. Parts may be used more than once.



- | Parts of Circles | |
|-------------------|--|
| Center | |
| Radius | |
| Chord | |
| Diameter | |
| Secant | |
| Tangent | |
| Point of Tangency | |
| Minor Arc | |
| Major Arc | |
| Semicircle | |
| Central Angle | |
| Inscribed Angle | |

1. \overline{LQ} Tangent

2. \overline{WY} Chord

3. $\angle NQR$ Inscribed Angle

4. X Center

5. \widehat{RWU} major Arc

6. \overleftrightarrow{ST} Tangent

7. \overline{PN} Radius

8. $\angle UXY$ Central Angle

9. \widehat{MQ} Minor Arc

10. \overline{QN} Diameter

11. R Point of Tangency

12. \overleftrightarrow{UY} Secant

13. \widehat{QRN} Semicircle

14. $\angle MPQ$ Central Angle

15. \overline{QR} Chord

16. $\angle UYR$ Inscribed Angle

17. \widehat{WY} Minor Arc

18. \overline{LN} Secant

19. \overline{UX} Radius

20. \widehat{RUY} Semicircle

