Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit 4A Quiz Practice**

**I. Central Angles (angle = arc)**

|  |  |
| --- | --- |
| 1. If, what is x? | 2. If the measure of a central angle is $120°,$ what would the intercepted arc be? |
| **II. Inscribed “ON” Angles (angle = ½ arc)** |  |
| 3. Find if $m∠A=60°$ | 4. Find $m∠O$ if $m∠ACB=32°$ |
| 5. If the measure of an inscribed angle is $73°$, what would its intercepted arc be? | 6. What is the measure of an inscribed angle if its intercepted arc is $210°$?  |
| 7. Find Angle B if $∆ABC$ is an isosceles triangle and  | 8. Find $m∠BAC$ if $∆ABC$ is an isosceles triangle and    |
| 9. Find $m∠CBA$ if  | 10. If, what is $m∠PAB$? |
| **III. “IN” Angles** $angle= \frac{big arc+small arc}{2}$ |
| 11. If $m∠DEB=70°$ and , what is ?  | 12. If $m∠DEA=100°$ and, what is ?  |
| 13. If and , what is $m∠DEA$? | 14. If $m∠DEB=5x$, , and, solve for x.  |
| **IV. “OUT” Angles** $angle= \frac{big arc-small arc}{2}$ |  |
| 15. $m∠APD=20°$ and , what is ? | 16. Find $∠P$ if andand. |