

### Math 3 CATS Review

Central and Inscribed Angles, Arc Length, Area of a Sector, and Proofs of Triangle Congruency.

1 Find  $x$ .  
 $m\angle ADB$

2. Find  $x$ .  
 $m AD$

3. Find  $x$ .  
 $m\angle CAB$

4 Find  $x$ .  
 $m\angle ACB$

$m BC$

$m BC$

$m\angle CDB$

$m\angle ABC$

$m AB$

5. Find  $AB$

6. Find area of shaded sector.

7. Find  $AB$   
Area of  
sector.

8. Write a 2 column proof.

9. Write a paragraph proof.