



Name: _____

Date: _____

Solve each problem involving inscribed shapes.

Solve for x. Show your work.

1. Square inscribed in circle, side 9 2. Square inscribed in circle, side 7

3. Square inscribed in circle, side 8 4. Square inscribed in circle, side 12

5. Square inscribed in circle, side 8 6. Square inscribed in circle, side 10

7. Square inscribed in circle, side 11 8. Square inscribed in circle, side 10



Solve each problem involving inscribed shapes. - Answer Key

1. Square inscribed in circle, side 9
127.23

2. Square inscribed in circle, side 7
76.97

3. Square inscribed in circle, side 8
100.53

4. Square inscribed in circle, side 12
226.19

5. Square inscribed in circle, side 8
100.53

6. Square inscribed in circle, side 10
157.08

7. Square inscribed in circle, side 11
190.07

8. Square inscribed in circle, side 10
157.08