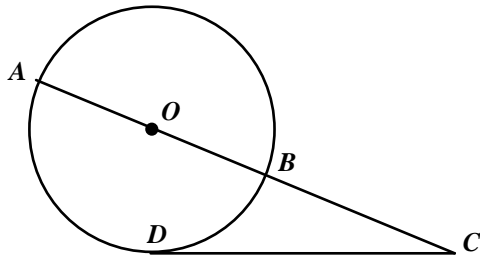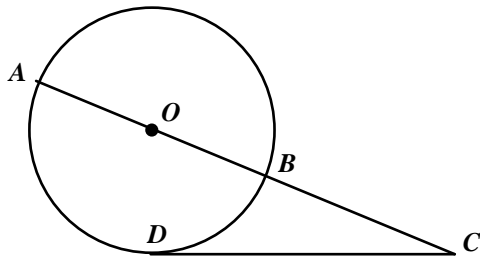NAME:_____

1. Find the diameter of the circle (not drawn to scale). $BC = 18$, and $DC = 21$. Round your answer to the nearest tenth.

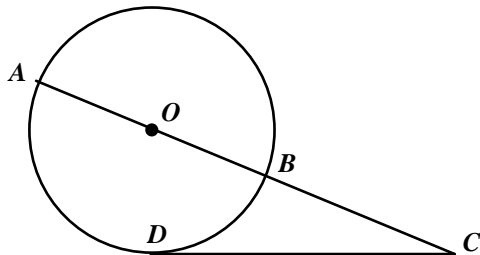[A] 6.5   [B] 9.2   [C] 5.6   [D] 42.5

4. Find the diameter of the circle (not drawn to scale). $BC = 12$, and $DC = 20$. Round your answer to the nearest tenth.
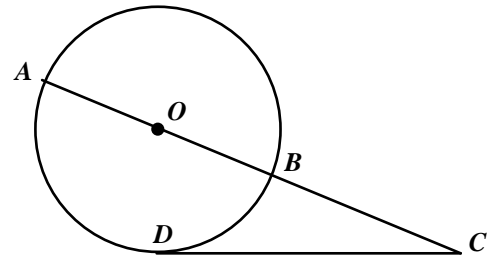

[A] 12.8   [B] 18.6   [C] 21.3   [D] 45.3

2. Find the diameter of the circle (not drawn to scale). $BC = 10$, and $DC = 13$. Round your answer to the nearest tenth.

[A] 9.6   [B] 6.9   [C] 26.9   [D] 5.3

5. To find the radius of a circular pond, Maria measured $\overline{CD}$ and $\overline{BC}$. If $\overline{CD}$ is a tangent, find the radius of the pond.

6. Determine AB.

[A] 4 or 9   [B] 1   [C] 4

[D] 1 or 6   [E] none of these

3. Find the diameter of the circle (not drawn to scale). $BC = 17$, and $DC = 22$. Round your answer to the nearest tenth.
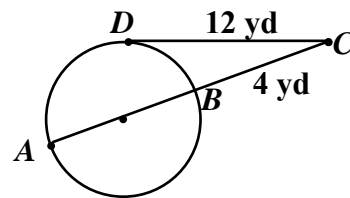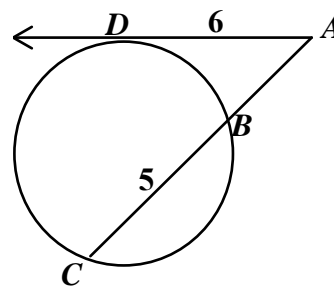

[A] 8.8   [B] 11.5   [C] 45.5   [D] 8.9

[1] A

[2] B

[3] B

[4] C

[5] 16 yd

[6] C