Name Date Period

**9.2 Central angles and inscribed angles**

$\overbar{FC} and \overbar{ DE} are diameters.$ Find the measure of each angle or arc.



1. $m∠FAD$ 2. $m∠BAC$

3. $m∠EAF$ 4. $m\hat{DB}$

5. $m\hat{BC}$ 6. $m\hat{CE}$

7. $m\hat{EF}$ 8. $m\hat{DF}$

9. $m\hat{DC}$ 10. $m\hat{DCF}$

$\overbar{FC} and \overbar{DE} are diameters.$ Find the measure of each angle or arc.

11. $m\hat{HC}$ 12. $m\hat{BH}$

13. $m∠DGE$ 14. $m\hat{EC}$

15. $m∠EAC$ 16. $m\hat{FD}$

17. $m\hat{EF}$ 18. $m\hat{FH}$

19. $m\hat{GE}$ 20. $m\hat{GFH}$

21. $m∠DAF$ 22. $m∠FHE$

23. $m∠FAE$ 24. $m∠DEH$

25. $m∠GED$ 26. $m∠GEH$