The Chain Rule: If

Find the derivative:

1. 12.
2. 13. *f*(x)=
3. 14.
4. 15.
5. 16.

1. **Find for # 17 - 21**
2. 17.
3. 18.
4. 19. at
5. 20.
6. 21.

22. Find the equation of the tangent line to the curve at the indicated point.

a) at x=2 b) at

23. Determine the points in at which the graph of has a

 horizontal tangent line.

24. Find the equation of the normal line to the curve at .

25. If if possible. If not tell

 what the missing information is.

1. b) c)

 d) e) f)