AP Calculus AB Analysis of Functions

In Exercises 1-4, find the first derivative of the function.

1.
$$f(x) = \sqrt{4 - x}$$

1.
$$f(x) = \sqrt{4 - x}$$

2. $f(x) = \frac{2}{\sqrt{9 - x^2}}$

$$3. g(x) = \cos(\ln x)$$

4.
$$h(x) = e^{2x}$$

In Exercises 5–8, match the table with a graph of f(x).

5	x	f'(x)	f'(x)	
17 <u></u>	a	0	-	
	b	0		
	<i>c</i>	5		

x	f'(x)
а	0
b	0
c	-5











