- 18. Given the following information: g(S) = -4, g'(Z) = 3, g'(X) = 3, g'(X) = 1 h(S) = 1, h'(S) = 2, and f(X) = g(h(X)). Find the value of f'(S):
  - 6A0 -- 4
- 680 (8)
- 600.4

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- **(30)** 10
- Olives the function defined by: f(a) = 3a\* 20a\*, flad all the values of x, for which the graph of f is concave up.
  - 643 B 50 0

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- 100 -2 + 2 + 0 tor 2 > 2

- con was all
- Ma 2 + F + 2
- I.l. Find the slope of the tangent line of  $xy^2 2y + 4y^2 = t$  at the point where y = 1.
  - $coc = \frac{1}{18}$
- $p(x) = \frac{1}{2\pi i}$
- eto  $\frac{S}{8\pi}$
- $g(m) = \frac{13}{18}$
- 465-2
- 14. The Services f is continuous on the elected interval (− 6, 10) and has induce as shown in the table below. What is the approximation of ∫<sub>i=1</sub><sup>10</sup> f(x)dx using a Right Element Statif

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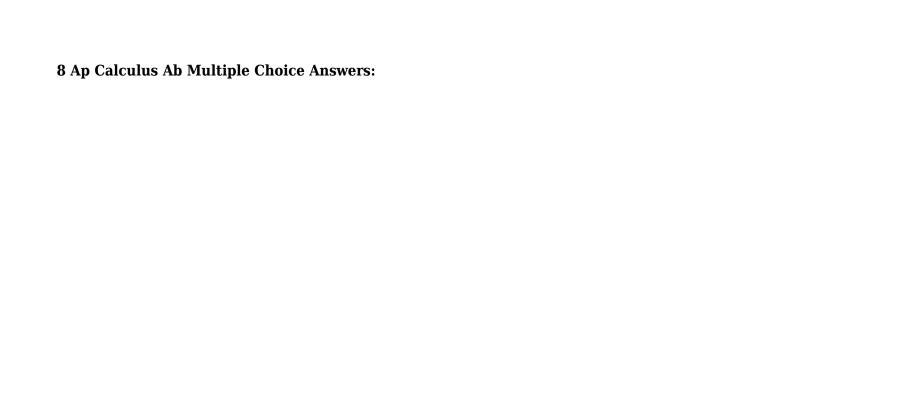
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f(2x + 2y\* str =

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