

**Answer Key – Multiple-Choice Test – Primer on Differentiation
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$$1 - D - f'(x) = \lim_{\Delta x \rightarrow 0} \frac{f(x + \Delta x) - f(x)}{\Delta x}$$

$$2 - B - 15e^{(3x)} + \cos(x)$$

$$3 - C - 1.920$$

$$4 - B - 3x^2 \ln(x) + x^2$$

$$5 - A - -3.012$$

$$6 - A - (x+y)/(y-x)$$

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