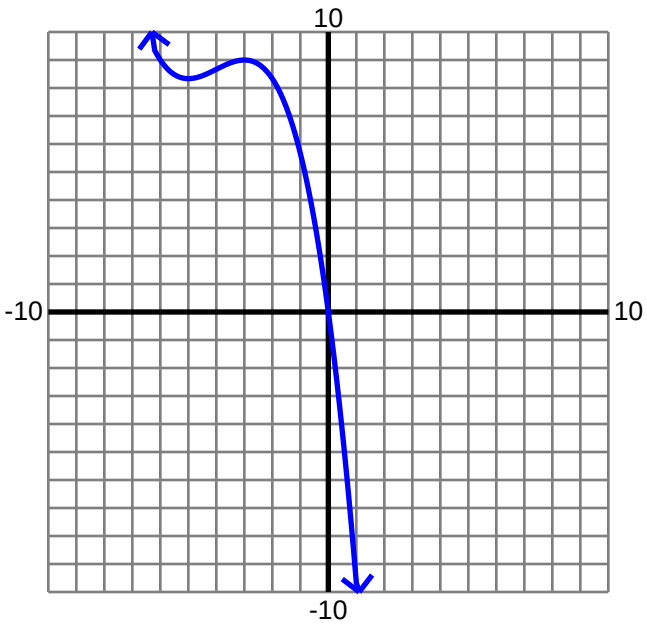
Name : _____ Score : _____

Teacher : _____ Date : _____

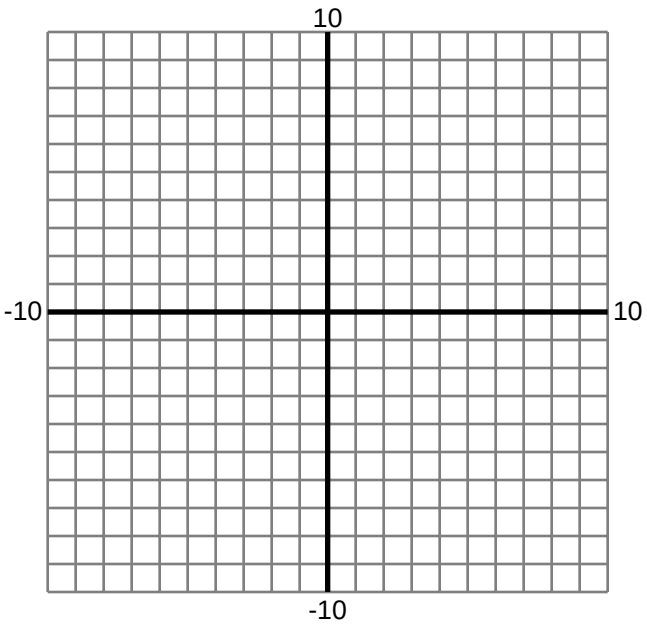
Graph Derivatives

Using the graph of f(x), draw an approximate graph of f'(x).

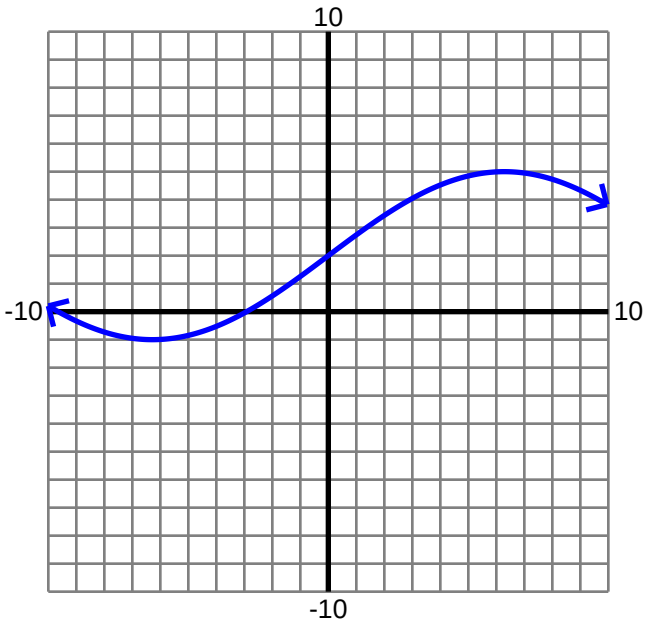
1) $f(x) = -\frac{1}{6}x^3 - 2x^2 - \frac{15}{2}x$



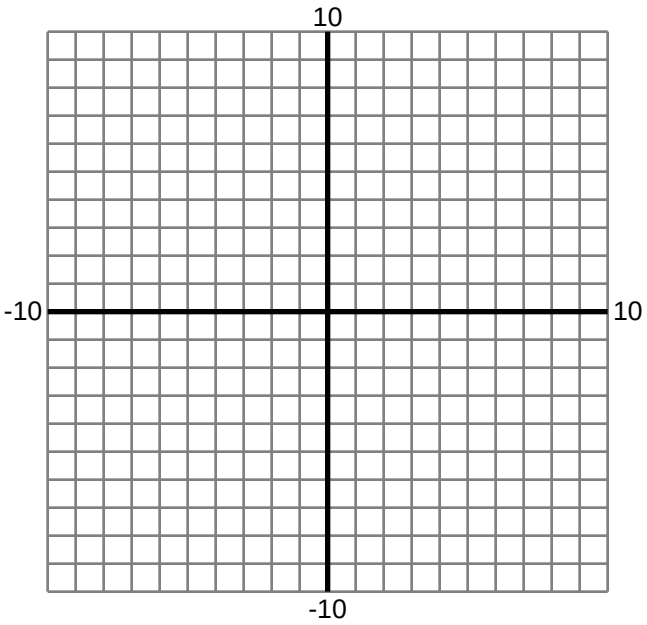
f'(x)



2) $f(x) = -3\sin(\frac{-1}{4}x) + 2$



f'(x)



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Graph Derivatives

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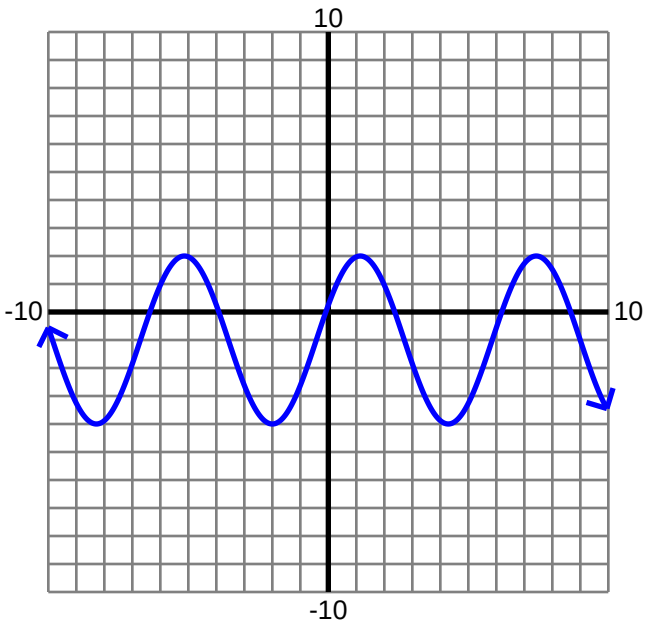
3) $f(x) = -3\cos(-x - 2) - 1$



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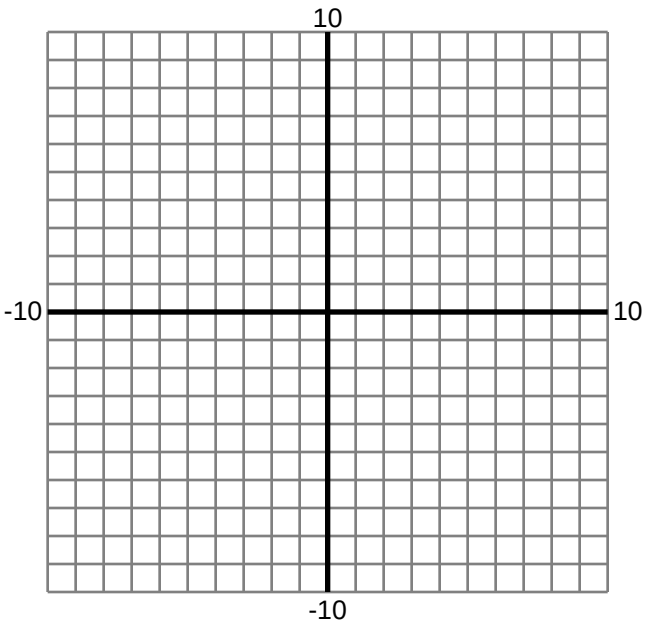
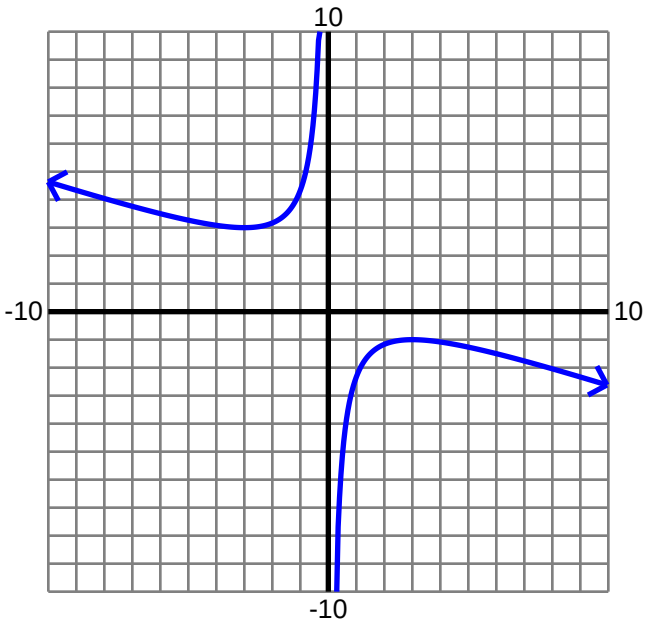
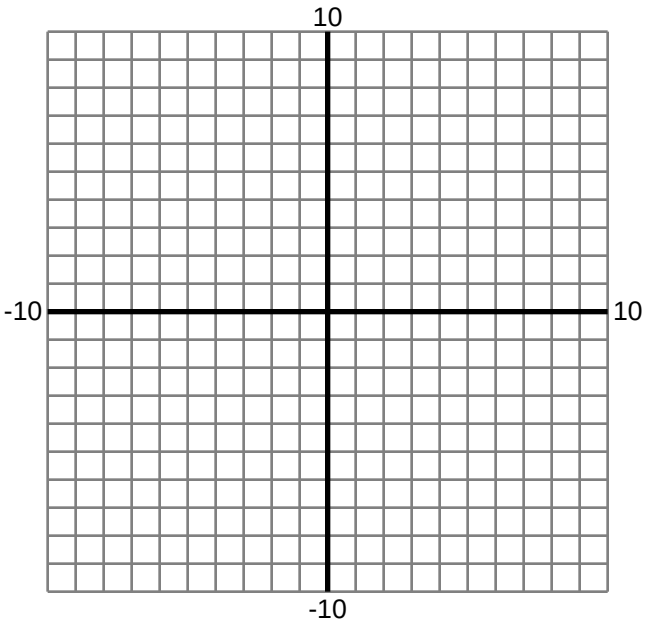


4) $f(x) = \frac{(x + 3)^2}{-3x} + 3$



f'(x)



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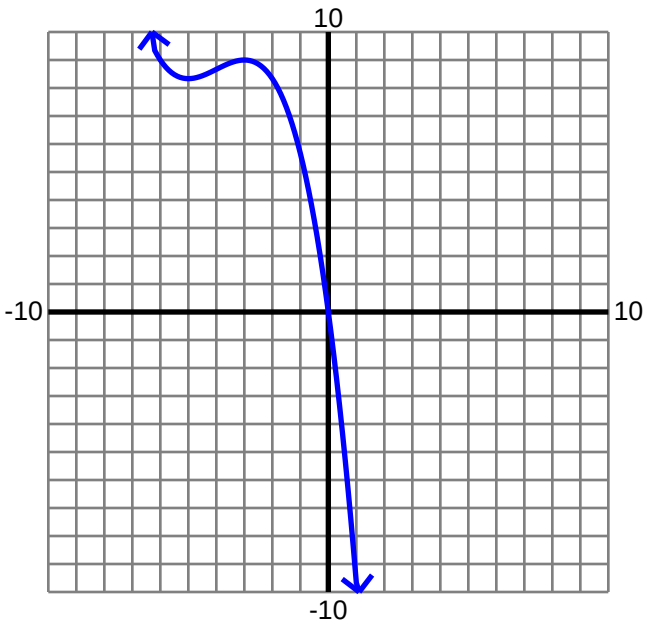

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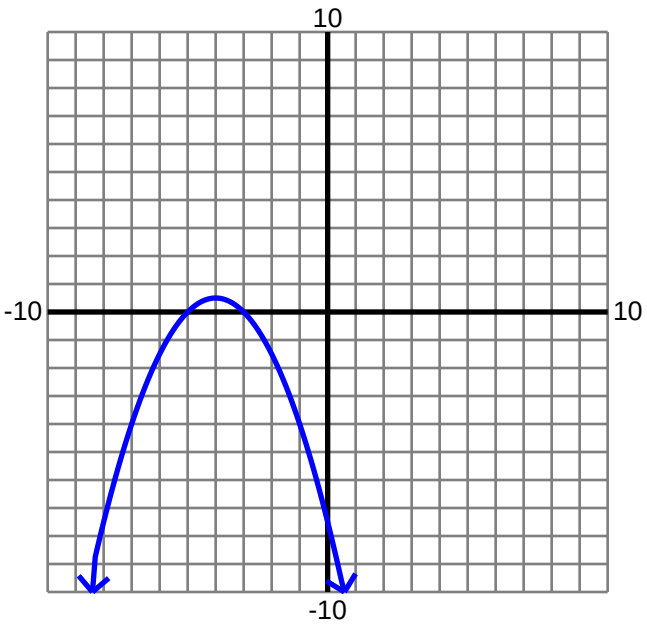

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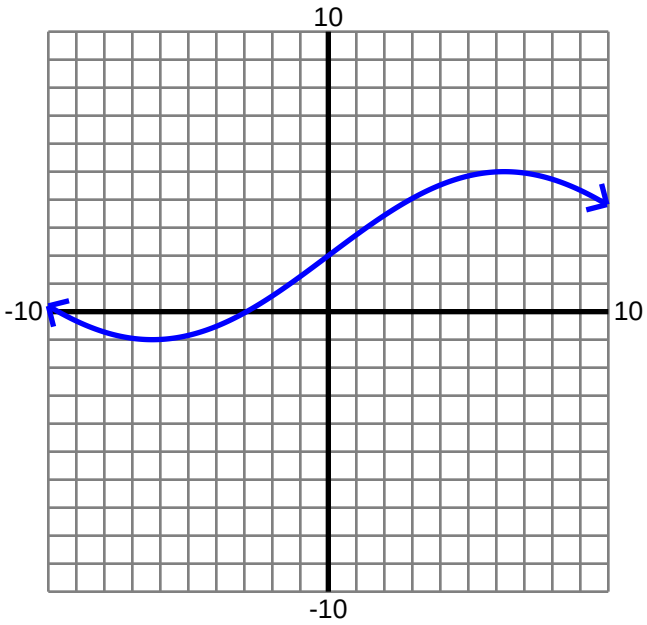

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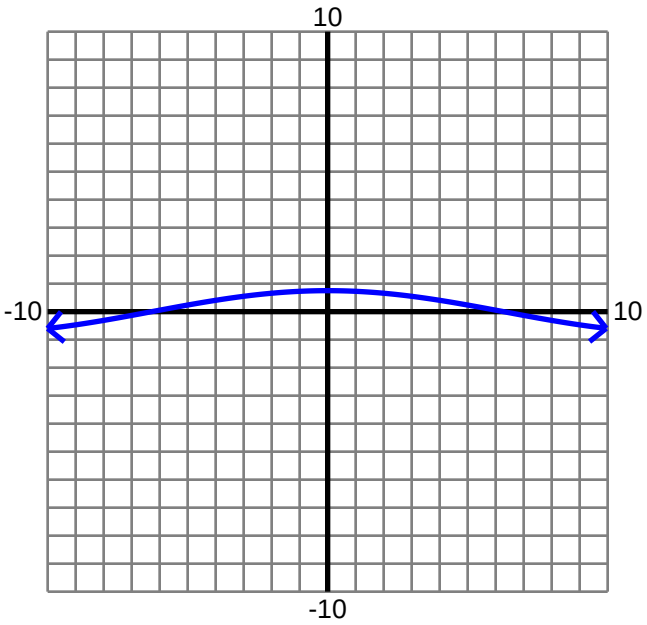

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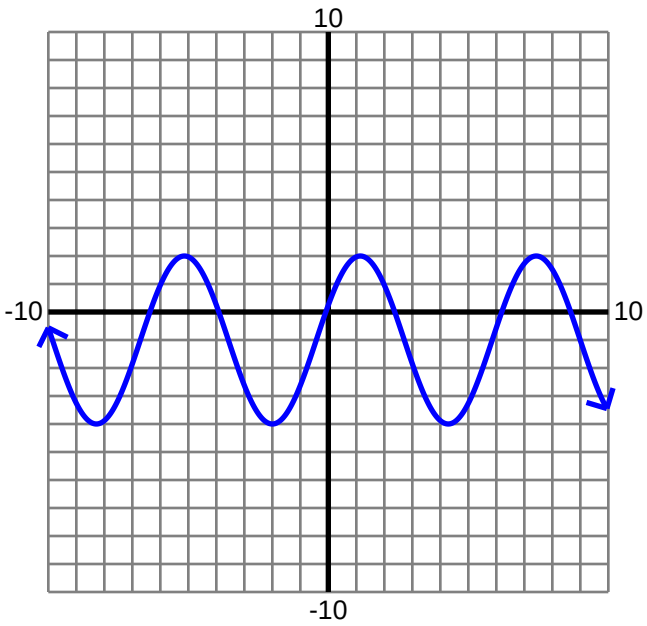

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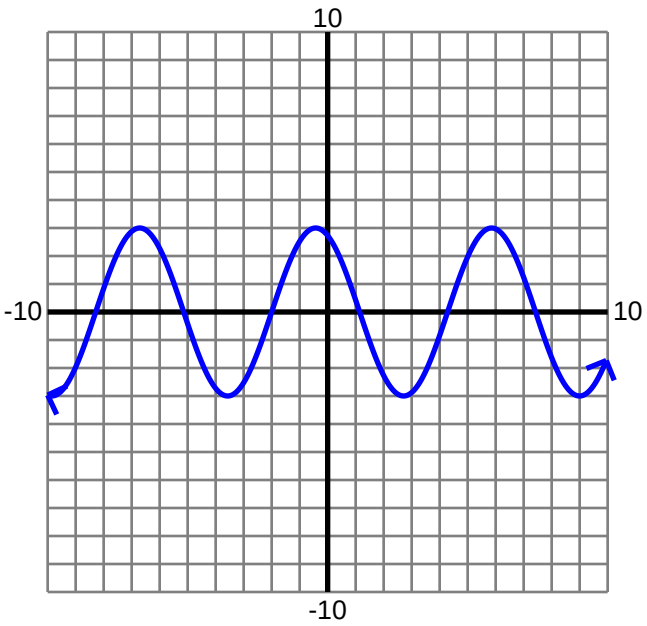

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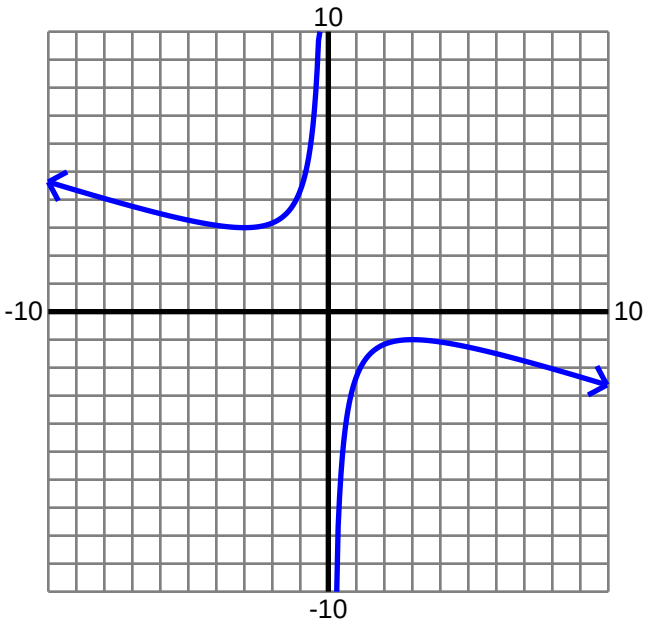

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