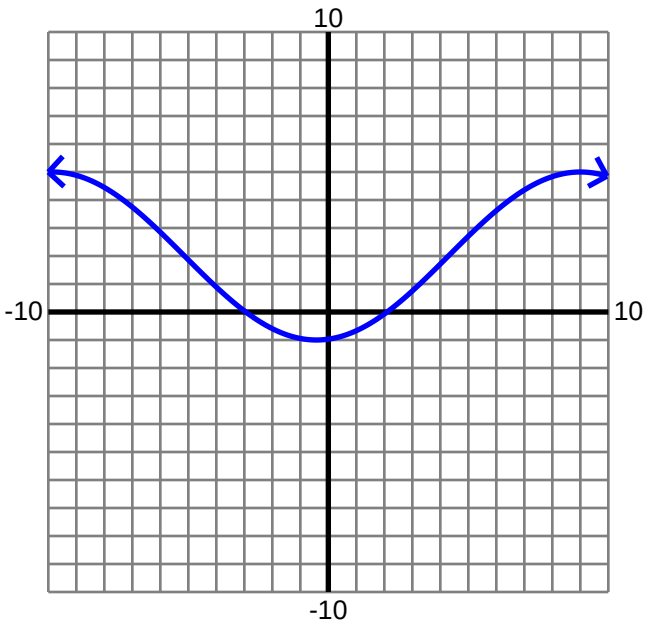
Name : _____ Score : _____

Teacher : _____ Date : _____

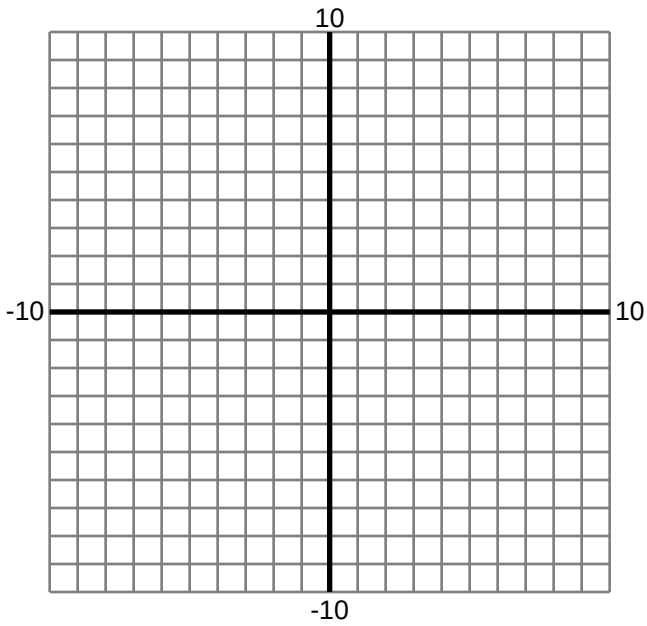
Graph Derivatives

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

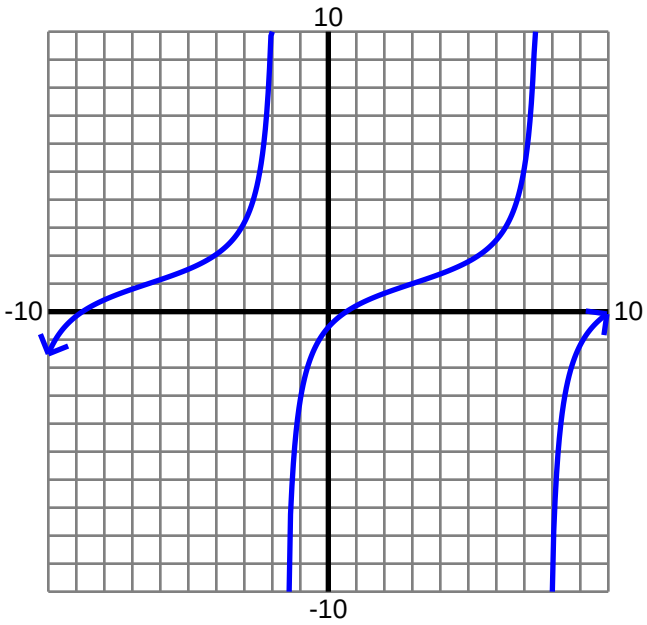
1) $f(x) = 3\cos(\frac{1}{3}x - 3) + 2$



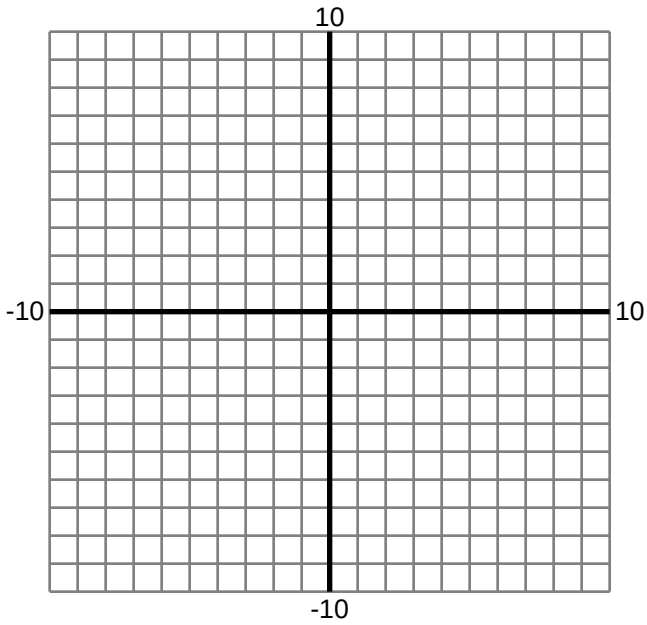
f'(x)



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



f'(x)



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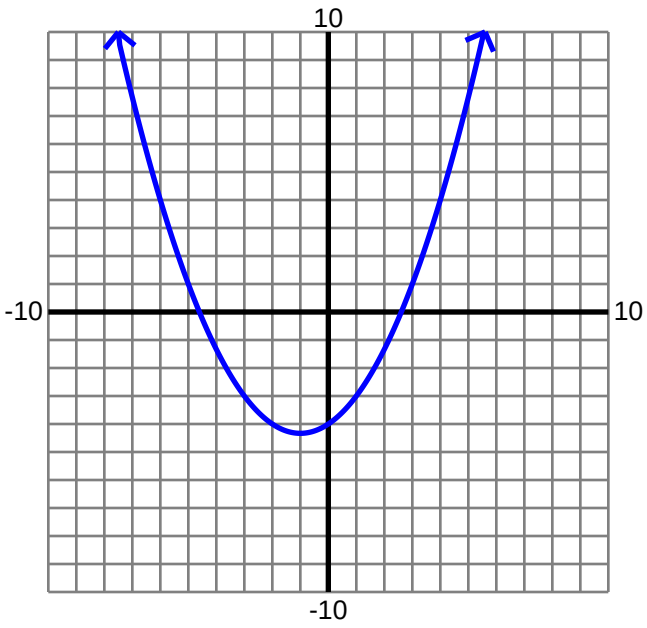
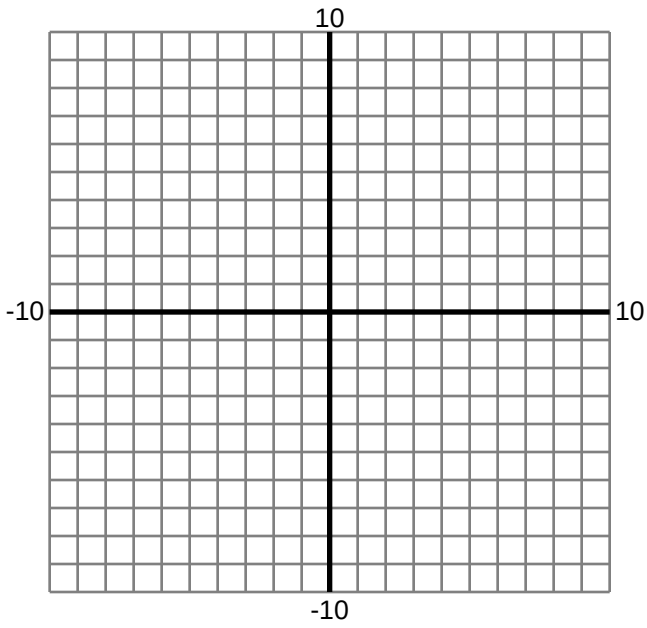
Graph Derivatives

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

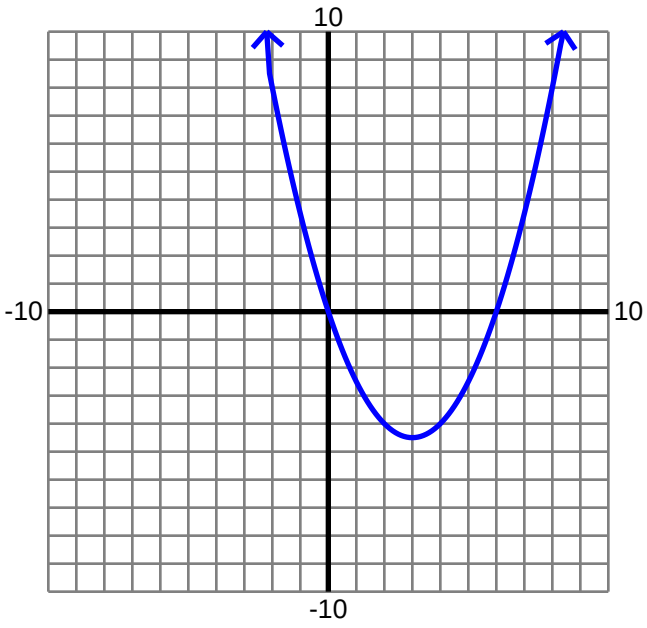
3) $f(x) = \frac{(x + 2)x}{3} - 4$



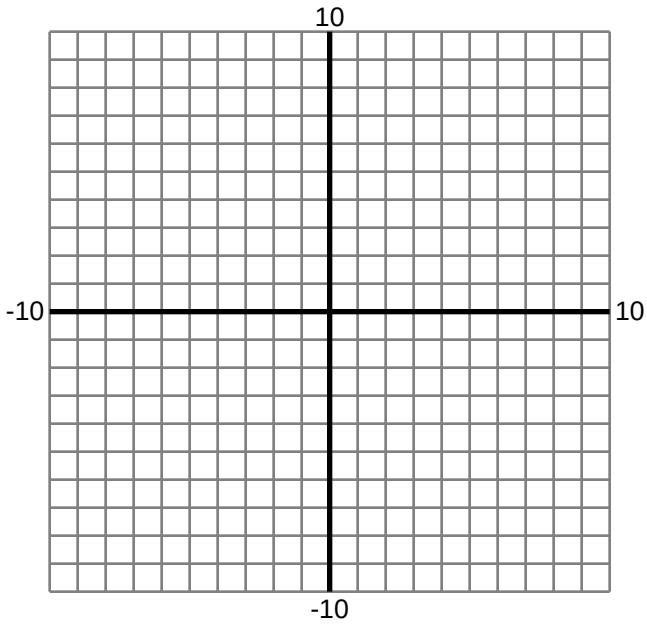
f'(x)



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



f'(x)



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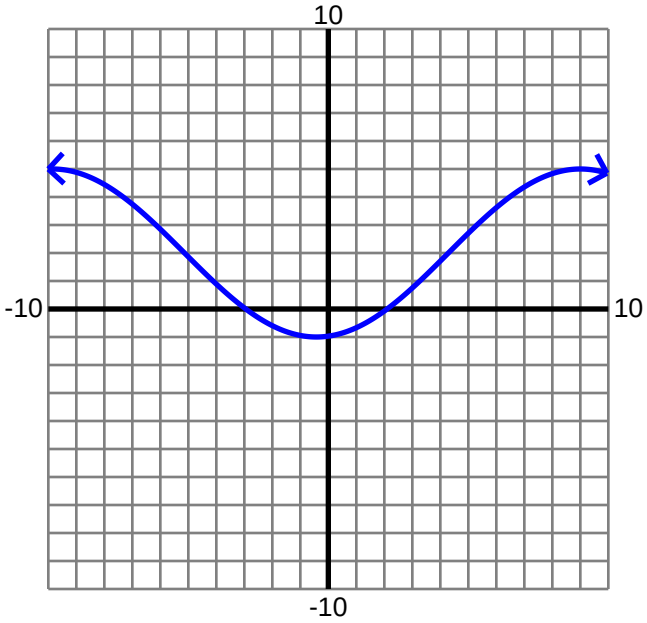
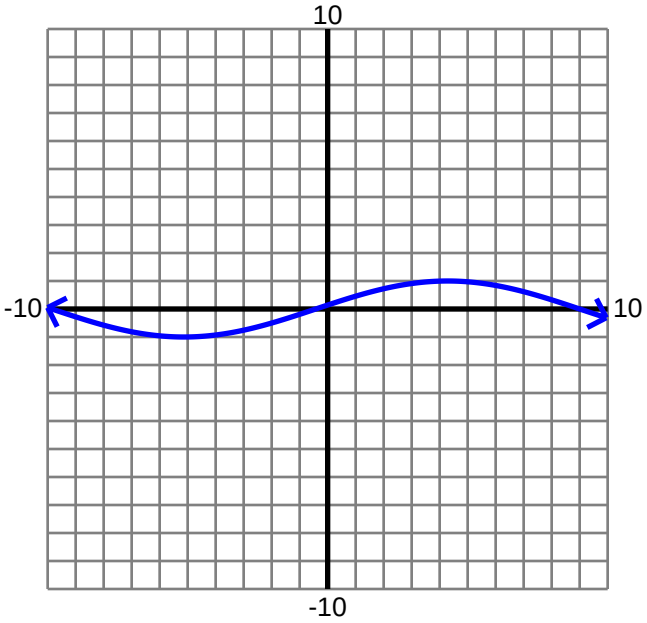


f'(x)



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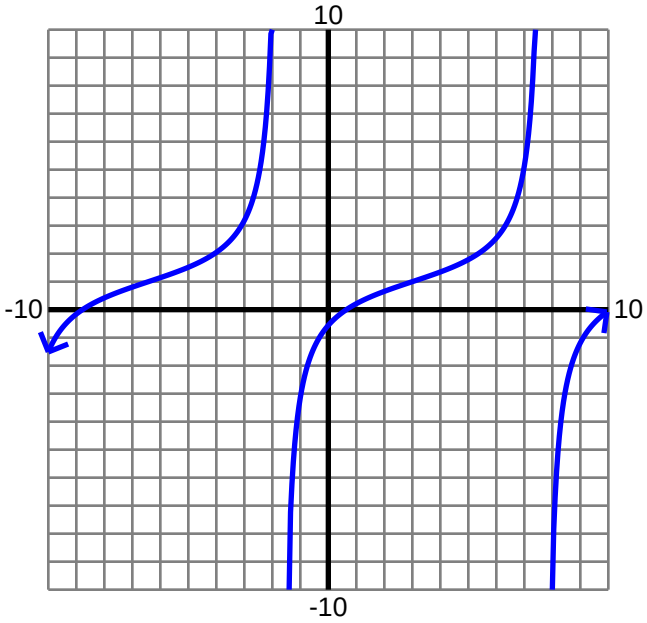
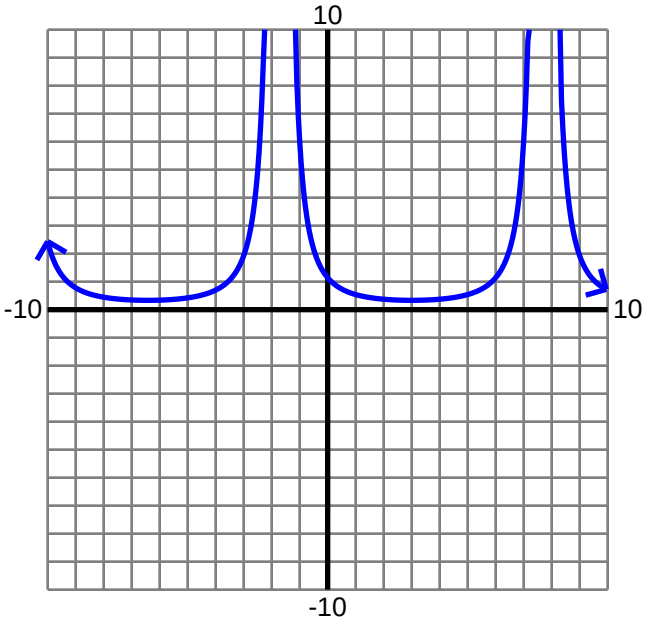


f'(x)



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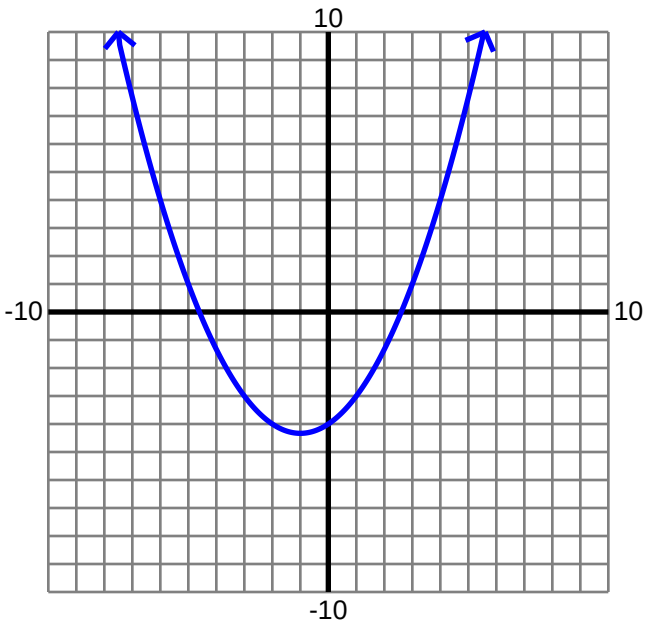

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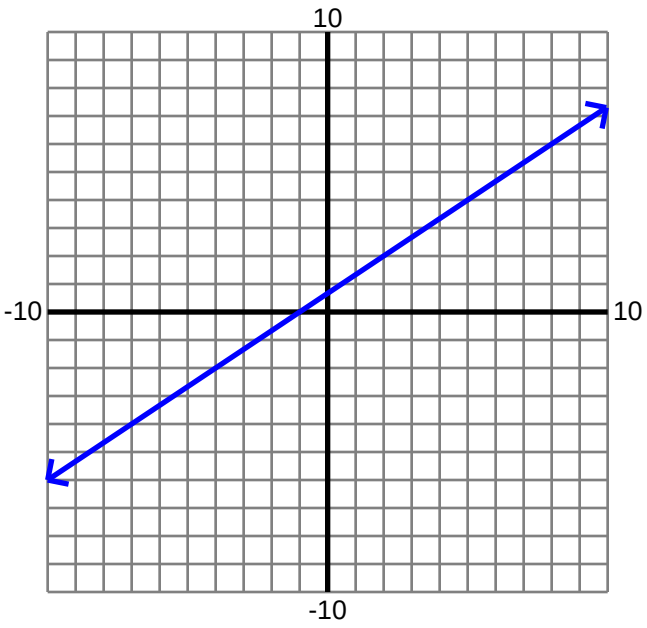

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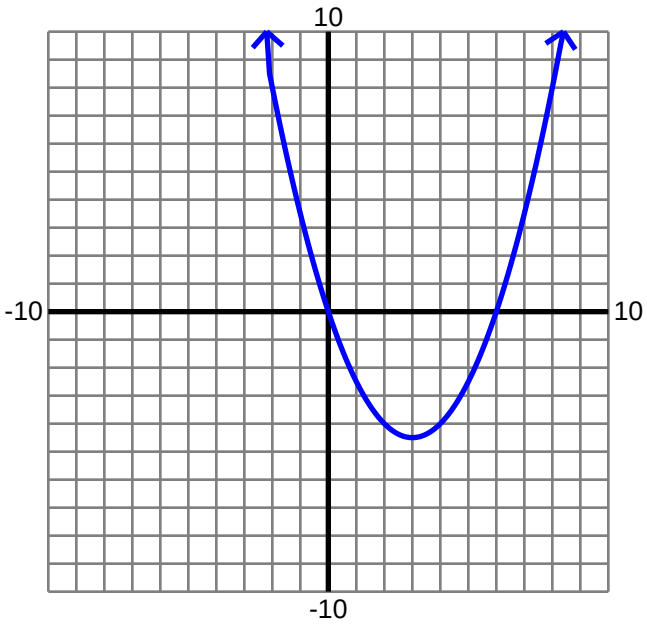

f'(x)