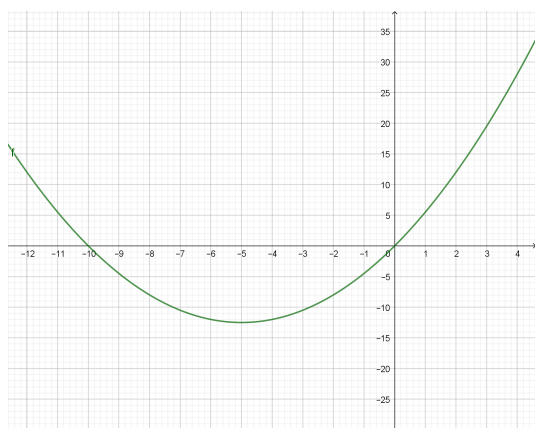
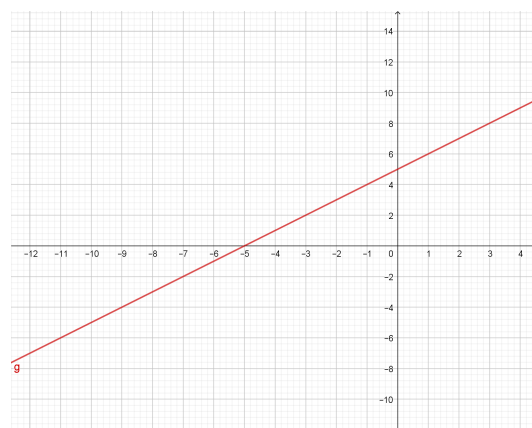


$$f(x) = \frac{1}{2}x^2 + 5x$$

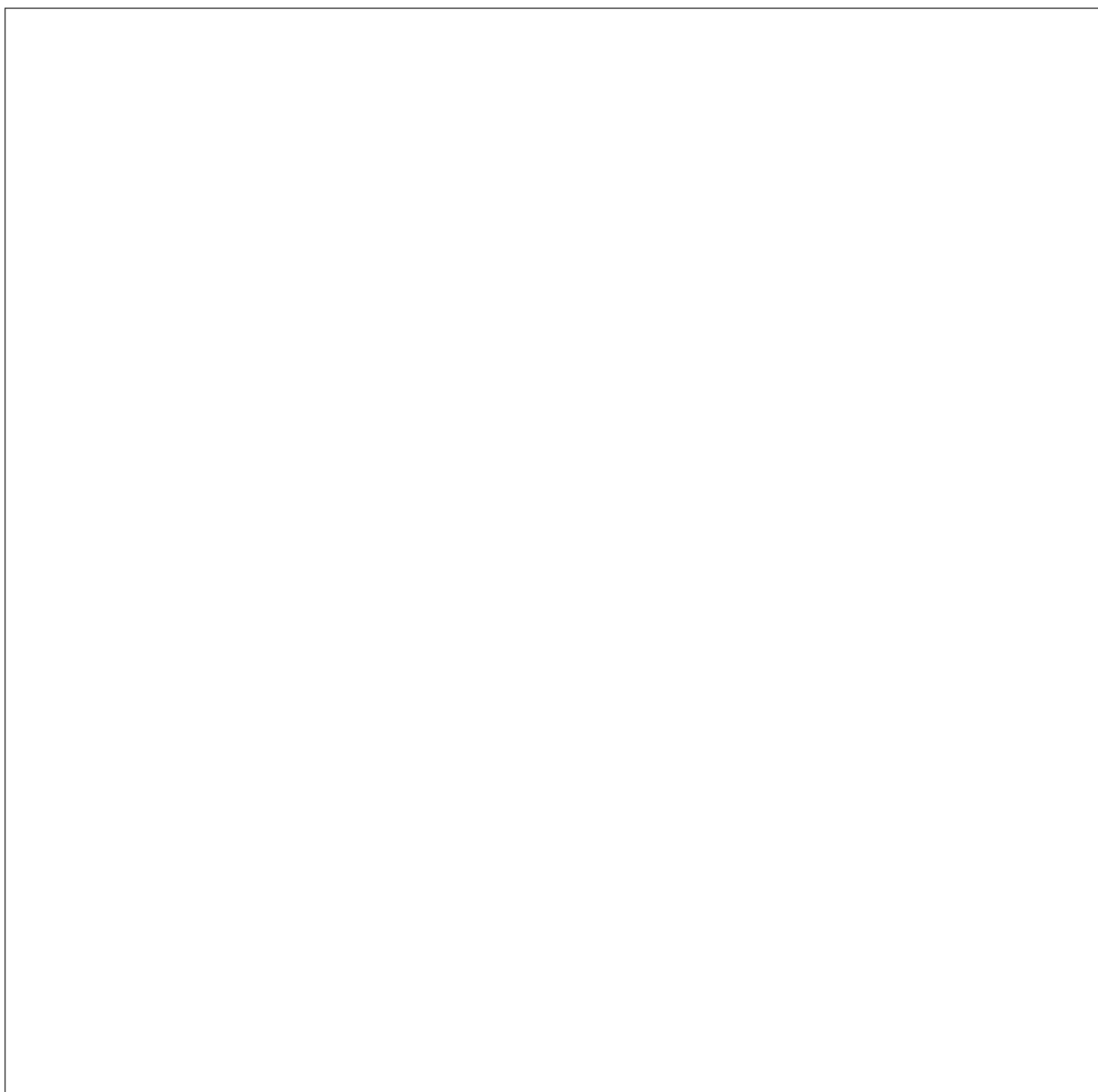


$$f'(x) = x + 5$$



|         |     |    |    |    |    |   |   |
|---------|-----|----|----|----|----|---|---|
| $x$     | -10 | -8 | -6 | -4 | -2 | 0 | 2 |
| $f'(x)$ | -5  | -3 | -1 | 1  | 3  | 5 | 7 |

Leitfrage



Zusammenhang zwischen Ausgangsfunktion  $f$  und Ableitungsfunktion  $f'$

