Nr 1.) a) $f(x) = \sin(x) + \cos(x)$

$f'(x) = \cos(x) - \sin(x)$

b) $f(x) = \cos(x) - \sin(x)$

$f'(x) = -\sin(x) - \cos(x)$

c) $f(x) = 5 \cdot \sin(x)$

$f'(x) = 5 \cdot \cos(x)$

d) $f(x) = 3 \cdot \cos(x)$

$f'(x) = -3 \cdot \sin(x)$

e) $f(x) = 3 \cdot \cos(x) - 2$

$f'(x) = -3 \cdot \sin(x)$

f) $f(x) = \sin(x) + 4 \cdot \cos(x)$

$f'(x) = \cos(x) - 4 \cdot \sin(x)$

g) $f(x) = -\sin(x) - 2 \cdot \cos(x)$

$f'(x) = -\cos(x) + 2 \cdot \sin(x)$

h) $h(x) = 2 \cdot \sin(x) - 4{,}5 \cdot \cos(x)$

$h'(x) = 2 \cdot \cos(x) + 4{,}5 \cdot \sin(x)$

i) $s(t) = 1{,}5 \cdot \sin(t) - \cos(t)$

$s'(t) = 1{,}5 \cdot \cos(t) + \sin(t)$

O. Fell