Product Rule - If $h(x) = f(x) \cdot g(x)$, then

Use the product rule to differentiate the function. (pg 126)

2) $f(x) = (6x + 5)(x^3 - 2)$

6) $g(x) = \sqrt{x} \sin x$

Quotient Rule - If $h(x) = \dfrac{f(x)}{g(x)}$, then

Use the quotient rule to differentiate the function.

8) $f(t) = \dfrac{t^2 + 4}{5t - 3}$

12) $f(t) = \dfrac{\cos t}{t^3}$

Assignment:
Pg. 124,
1-17 odd.