19. $f(x) = 6x + 3$ $P: (5, f(5))$

                                        $Q: (5+h, f(5+h))$

Find the slope of the secant line Pasing through P and Q.

P   Q

$f(5) = 6(5) + 3$ $f(5+h) = 6(5+h) + 3$
$ \parallel$ $ \parallel$
$ 30 + 3$ $ 30 + 6h + 3$
$ \parallel$ $ 30 + 3 + 6h$
$f(5) = 33$ $f(5+h) = 6h + 33$

$P: (5, 33)$
$Q: (5+h, 6h+33)$
$ \parallel$

$m = \dfrac{(6h+33) - (33)}{(5+h) - (5)}$

$ \parallel$

$\dfrac{6h + 33 - 33}{5 + h - 5}$

$ \parallel$

$\dfrac{6\cancel{h}}{\cancel{h}}$

⑥

Slope is 6