

1 Q↓

2 Let $f(x) = \log(1+x)$. Answer the questions.↓

3 [1] Find the quadratic approximation of $f(x)$ at $x=0$.↓

4 [2] Find the cubic approximation of $f(x)$ at $x=0$.↓

5 Sheet↓

6 [1]=? ::5↓

7 [2]=? ::5↓

8 Ans↓

9 [1] $x - \text{fr}(1, 2)x^2$ ↓

10 [2] $x - \text{fr}(1, 2)x^2 + \text{fr}(1, 3)x^3$