Bacterial growth

- When is bacterial pop max? 
- What growth rate then? 
- When is bacterial pop min? 
- What growth rate then? 
- Is bacterial pop up or down in the interval (1, 2)? 
- Sign of derivative in the interval. 
- Is bacterial pop up or down in (2.5, 3.5)? 
- Sign of derivative in the interval.
(a) When is back pop max? ______
(b) Inst rate of growth then? ______
(c) When is back pop min? ______
(d) Inst rate of growth then? ______
(e) Is back pop ↑ or ↓ in the interval (5.5, 6.5)? ______
(f) Sign of der in this interval ______
(g) What about interval (9.5, 10) ↑ or ↓ ______
(h) Sign of der?