3H Exercises – SOLUTIONS

# Related Rates

|  |
| --- |
| Assume that and are both and differentiable functions of and find the required values of and |
|  |
|  |
|  |
|  |
| (note: is a constant, so you only need chain rule here, you don’t need product rule.) |

|  |  |
| --- | --- |
|  | |
| a) When , b) When , |  |
|  | |
|  | |

|  |
| --- |
|  |