

## Differentiation (2) Homework

1) Find the rate of change of

$$s = 5t^4 - 3t^2 + 7 \text{ when } t = 4$$

3) Find the values of  $x$  for which  $y$  is decreasing:  $y = 2x^3 + 15x^2 - 84x + 2$

2) Find the values of  $x$  for which  $y$  is increasing:  $y = 4x^2 - 3x - 6$

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Grade:

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To Improve I need to:

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