

SQA Past paper questions

2017 - Paper 1 - Question 8

Calculate the rate of change of $d(t) = \frac{1}{2t}$, $t \neq 0$, when $t = 5$. 3

Click [here](#) for video solution. 

2015 - Paper 1 - Question 7

A function f is defined on a suitable domain by $f(x) = \sqrt{x} \left(3x - \frac{2}{x\sqrt{x}} \right)$.
Find $f'(4)$. 4

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2003 - Paper 1 - Question 5

Given that $f(x) = \sqrt{x} + \frac{2}{x^2}$, find $f'(4)$. 5

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2000 - Paper 1 - Question 1

Find $f'(-2)$ when $f(x) = x^4 - \frac{4}{x}$ 2

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1999 - Paper 1 - Question 5

Given $f(x) = 3x^2(2x - 1)$, find $f'(-1)$ 3

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1996 - Paper 1 - Question 9

Find $f'(4)$ where $f(x) = \frac{x-1}{\sqrt{x}}$ 5

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