# **ATAR Survival Guide’s Practice Chain Rule Questions**

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You should attempt all these questions without the use of a calculator.

**Question 1 (2 marks)**

Find where using the chain rule.

**Question 2 (2 marks)**

Differentiate using the chain rule. I.e. make Do not simplify.

**Question 3 (3 marks)**

Differentiate using the chain rule. You do not need to expand the equation.

**Question 4 (2 marks)**

Differentiate . You do not need to expand the equation.

**Question 5 (2 marks)**

Differentiate . You do not need to expand.

# **Answer Key**

**Question 1**

✓✓

**Question 2**

✓✓

**Question 3**

✓✓

**Question 4**

✓✓

**Question 5**

✓✓