**Differentiating other trigonometric functions**

**Differentiate**

**More generally:**

**Differentiate**

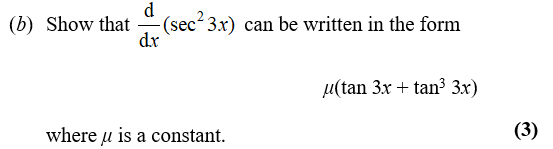
**More generally:**

**Differentiate**



**Test Your Understanding So Far**

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**Making use of**

Often in exam questions, you will be given in terms of , but want to find in terms of .

**The key is to make use of an appropriate trig identity, e.g:**

**Eg. Given that , express in terms of .**

Exercise 9F Page 249-251

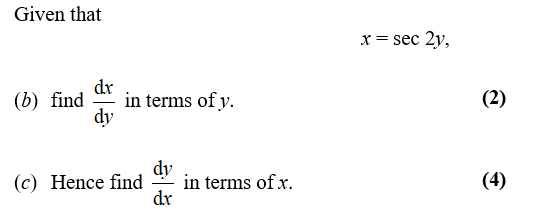
Q1-7 only

**Further examples**

**No Longer in Syllabus**

1. **Show that if , then**
2. **Given that find**

**Test Your Understanding**

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**Eg. Given that , find**

**No Longer in Syllabus**