**IB Math HL1 21F and G u-Substitution notes**

**Objective: Use a change of variables to find an indefinite integral**

Warm up: Find indefinite integral by a pattern recognition.

1.  2. 

**U-Substitution Method (Use a change of variable)- A pattern recognition method does not work.**

1.  2. 

3.  4. 

**Practice with U-Substitutions) Find the following anti-derivatives.**

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| 1.
 | 1.
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| 1.
 | 1.
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| 1.
 | 1.
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| 1.
 | 1.
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