

# **A-Star 2016 Winter Math Camp**

## **AMC Number Theory Day 1**

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# Outline

## **1 Displaying Text**

- 1.1 Paragraphs of Text and Formatting
- 1.2 Bullet Points and Numbered Lists
- 1.3 Verbatim

## **2 Displaying Information**

- 2.1 Table
- 2.2 Figure
- 2.3 Theorem

## **3 Citations**

# 1 Displaying Text

## 1.1 Paragraphs of Text and Formatting

*Sed iaculis* dapibus gravida. Morbi sed tortor erat, nec interdum arcu. Sed id lorem lectus. Quisque viverra augue id sem ornare non aliquam nibh tristique. Aenean in ligula nisl. Nulla sed tellus ipsum.

*Sed diam enim, sagittis nec* condimentum sit amet, ullamcorper sit amet libero. *Aliquam vel dui orci*, a porta odio. *Nullam id suscipit* ipsum. *Aenean lobortis* commodo sem, ut commodo ante iaculis arcu pretium rutrum eget sit amet purus. Integer ornare nulla quis neque ultrices lobortis. Vestibulum ultrices tincidunt libero, quis commodo erat ullamcorper id. leo gravida vitae. Pellentesque vehicula

## 1.2 Bullet Points and Numbered Lists

- Lorem ipsum dolor sit amet, consectetur adipiscing elit
  - Aliquam blandit faucibus nisi, sit amet dapibus enim tempus eu
1. Nulla commodo, erat quis gravida posuere, elit lacus lobortis est, quis porttitor odio mauris at libero
  2. Nam cursus est eget velit posuere pellentesque
  3. Vestibulum faucibus velit a augue condimentum quis convallis nulla gravida

## 1.3 Verbatim

How to include a theorem in this presentation:

```
\mybox{0.8\textwidth}{  
\begin{theorem}[Murphy (1949)]  
Anything that can go wrong, will go wrong.  
\end{theorem}  
}
```

## 2 Displaying Information

## 2.1 Table

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table 1: Table caption



## 2.2 Figure



## 2.3 Theorem

The most common definition of **Murphy's Law** is as follows.

**Theorem (Murphy (1949))**

Anything that can go wrong, will go wrong.

*Proof.* A special case of this theorem is proven in the textbook. □

**Remark**

This is a remark.

**Algorithm**

This is an algorithm.

### 3 Citations

An example of the `\cite` command to cite within the presentation:

This statement requires citation [1].

## References

- [1] J. M. Smith and A. B. Jones. *Book Title*. Publisher, 7th edition, 2012.

**Questions?**