

Name:

Date:

## MBF3C – Statistics - Day 3 Handout (Graphing)

### 1. Collecting and Graphing Categorical Data

What colour are your eyes:

Eye Colour	Blue	Green	Brown	Hazel
Frequency				

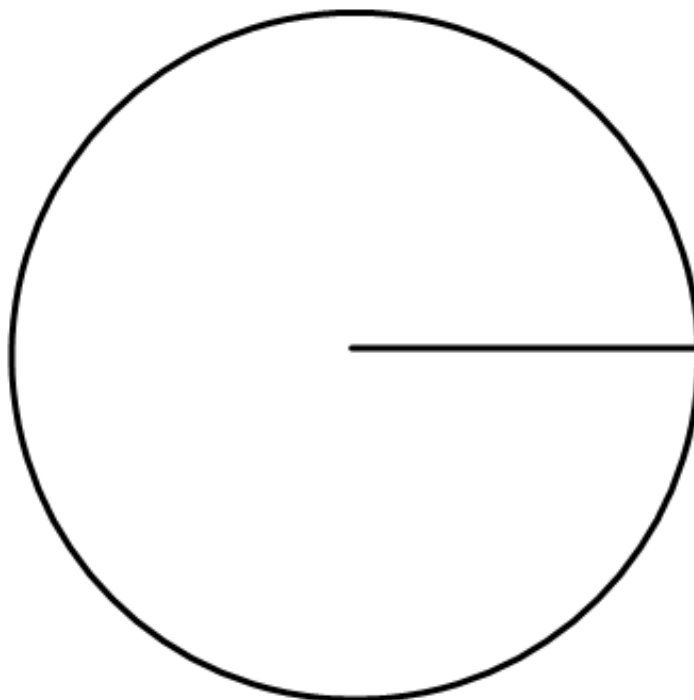
#### Calculate Proportions Below

Blue Eyes:  $\frac{\quad}{\quad} \times 360^\circ = \quad^\circ$

Green Eyes:  $\frac{\quad}{\quad} \times 360^\circ = \quad^\circ$

Brown Eyes:  $\frac{\quad}{\quad} \times 360^\circ = \quad^\circ$

Hazel Eyes:  $\frac{\quad}{\quad} \times 360^\circ = \quad^\circ$



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## 2. Collecting and Graphing Continuous Data

How tall are you? (in cm)


**Determine number of intervals and interval length of histogram below.  
Fill in the Frequency Distribution table. (See Day 1 Lesson)**

**Frequency Distribution Table (\*\*This table is rotated differently than last time to save space\*\*)**

Height (x)								
Frequency (f)								
Cumulative Frequency								

**Frequency**


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### 3. Collecting and Graphing Discrete Data

How many people live in your home?