## Lals \#2 Arowing with Metribs <br> Introduction to Metrics



Name:
Date:
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## Objectives:

- To Learn how to use a metric ruler
- To record measurements in cm.
- To track growth over the course of one school year
- To determine if there is a pattern or relationship between different body Parts

| Personal Data | Measurements |  | Personal Data | Measurements |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | September (cm) | May <br> (cm) |  | September (cm) | May <br> (cm) |
| Height (shoes off) |  |  | Foot Length |  |  |
| Elbow to base of wrist |  |  | Arm spread fingertip to fingertip |  |  |
| Middle of Knee to Floor (shoes off) |  |  | Circumference of neck |  |  |
| Hip to floor (pelvic bone to floor - shoes off) |  |  | Circumference of Head |  |  |
| Index Finger Length |  |  | Circumference of Bicep |  |  |
| Pinkie Length |  |  | Circumference of Wrist |  |  |
| Thumb Length |  |  | Circumference of Ankle |  |  |
| Palm (pinky to thumb) |  |  | Circumference of Calf |  |  |
| Shoe width |  |  | Circumference of Thigh |  |  |

## Graph:

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## Analysis (September)

1. Looking at your data, what part and measurement was the longest? $\qquad$ with $\qquad$ cm. Shortest?
$\qquad$ with $\qquad$
2. Are there any sets of number that are similar in length? Explain and provide examples.
$\qquad$
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$\qquad$
3. Take your shoe off and place your foot on top of your forearm between your elbow and your wrist. Explain what happens?
4. Find someone who has the most measurements in common with you! $\qquad$

## Analysis (June)

5. 6. Looking at your data, what part and measurement was the longest? $\qquad$ with $\qquad$ cm. Shortest? $\qquad$ with $\qquad$ cm
1. Looking at your data, what part grew the most since Sept.? $\qquad$ with $\qquad$ cm. Were there any body parts that did change? Give examples:
