

Estimating and Measuring Length

Name _____

Units _____

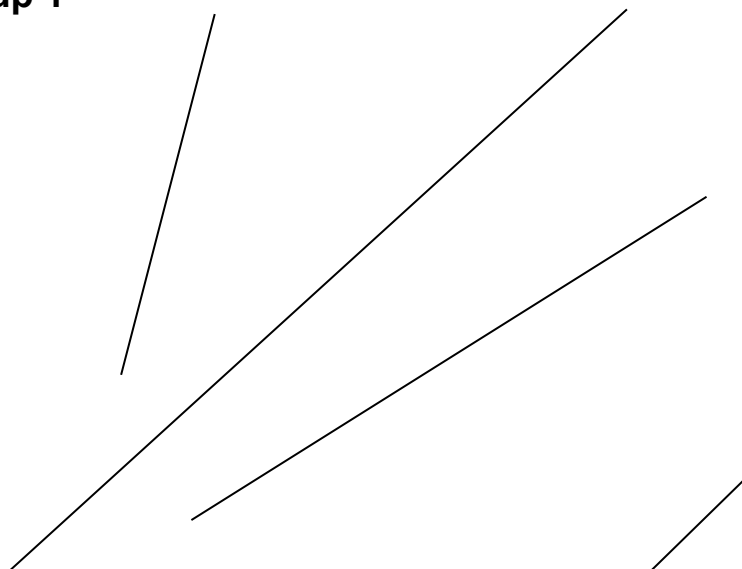
For the lines in Group 1:

- Estimate the length of each line in the group. Write the estimates in the Est. Length column of the table.
- Measure the length of each line. Write the answers in the Actual Length column.
- Calculate the difference between the Estimated Length and the Actual Length. Write the answers in the Diff column.
- Calculate the Percentage Differences. Write the answer in the % Diff column.
- Find the mean of these differences.

Repeat for the other Groups of lines.

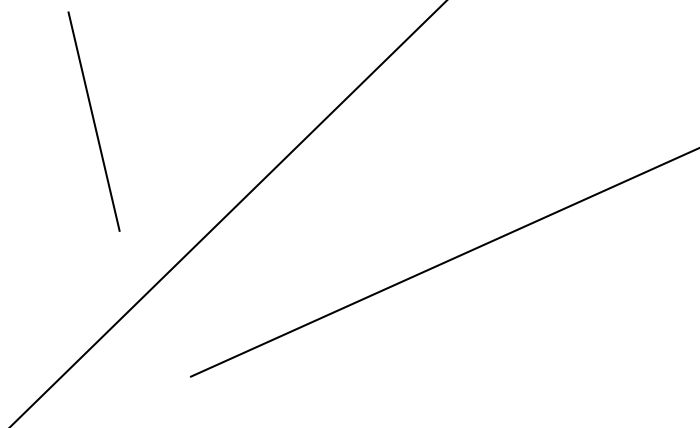
Did your estimating get better with practice?

Group 1



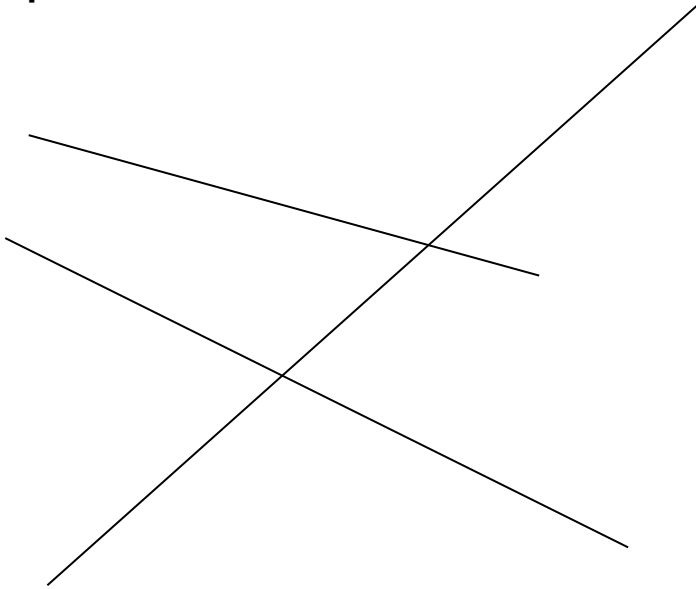
| Ques | Est. Length | Actual Length | Diff | % Diff |
|------|-------------|---------------|------|--------|
| | | | | |
| | | | | |
| | | | | |
| Mean | | | | |

Group 2



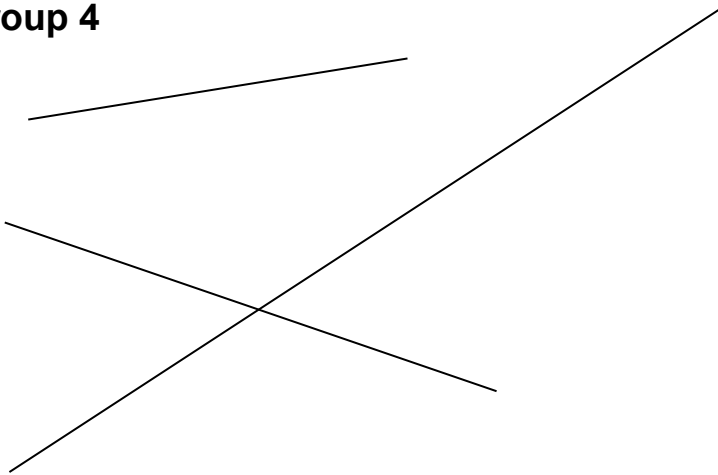
| Ques | Est. Length | Actual Length | Diff | % Diff |
|------|-------------|---------------|------|--------|
| | | | | |
| | | | | |
| | | | | |
| Mean | | | | |

Group 3



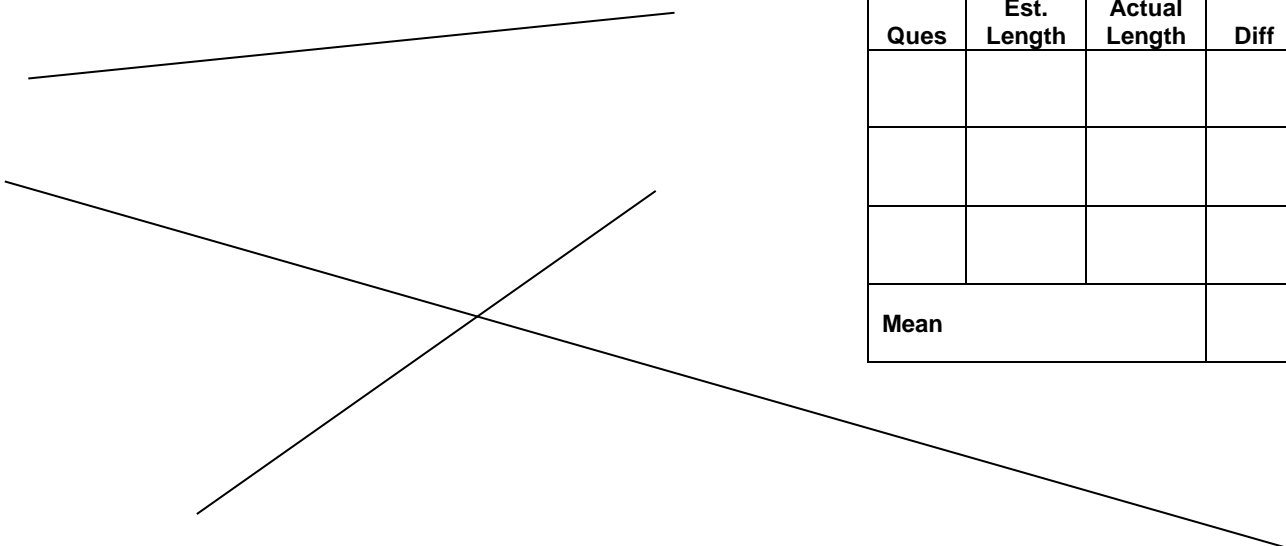
| Ques | Est. Length | Actual Length | Diff | % Diff |
|------|-------------|---------------|------|--------|
| | | | | |
| | | | | |
| | | | | |
| Mean | | | | |

Group 4



| Ques | Est. Length | Actual Length | Diff | % Diff |
|------|-------------|---------------|------|--------|
| | | | | |
| | | | | |
| | | | | |
| Mean | | | | |

Group 5



| Ques | Est. Length | Actual Length | Diff | % Diff |
|------|-------------|---------------|------|--------|
| | | | | |
| | | | | |
| | | | | |
| Mean | | | | |