# Basic Math and Measuring
## Unit 5

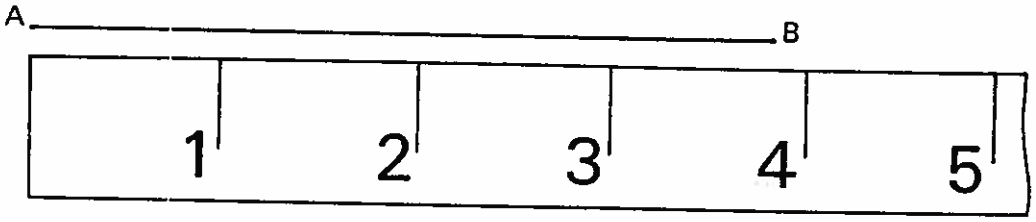
### Assignment Sheet 9—Measure Distances with 1", ½", and ¼" Graduations

Name _____ Overall Rating _____

| Evaluation criteria | Rating |
|---|---|
| Accuracy with 1" graduations | _____ |
| Accuracy with ½" graduations | _____ |
| Accuracy with ¼" graduations | _____ |

Directions: Study the rules in the illustrations and answer the questions about the graduations on each set of rules.

1. a. Point A, on line segment AB below, is at the end of the rule. Point B is nearest what number? _____




b. Is AB exactly 4 inches long? _____

c. Is AB exactly 3 inches long? _____

d. AB above is approximately _____ inches in length.

e. Would a measurement less than a full inch be exact on this rule? _____

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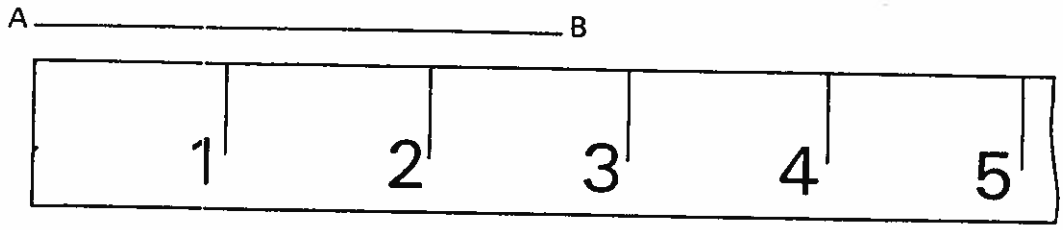
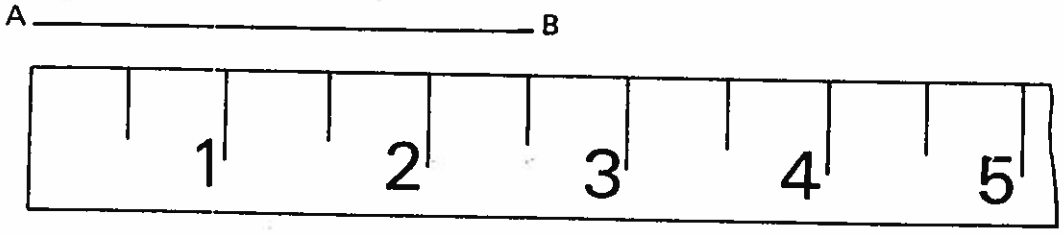
4.




a. Is 3 inches an accurate measure for AB above? _____

b. Could we get a more accurate measure of AB if we divided the inches into smaller units? _____

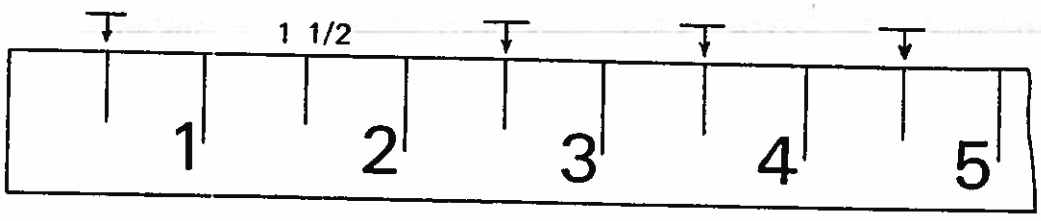
5. a. Into how many parts has each inch been divided on the rule below? _____




b. Is B located nearer 2, 2½, or 3 inches? _____

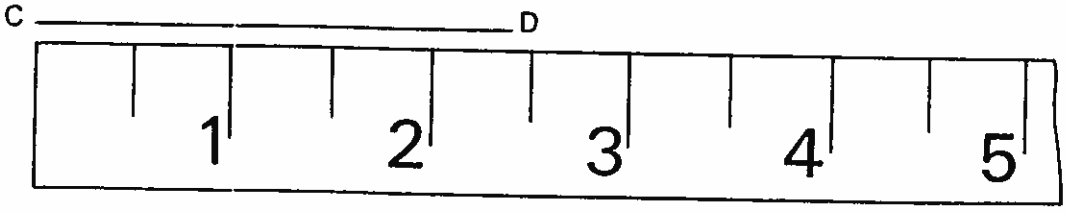
Note: Remember, always read to the nearest mark on a rule.

6. Write in the missing numbers.




7. a. Is point D below nearer 2 or 2½? _____

b. Therefore, using this rule, the measure of CD is approximately _____ inches.



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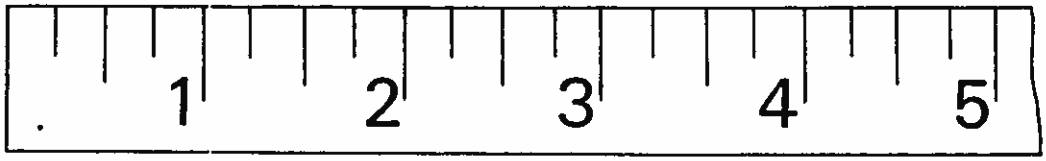
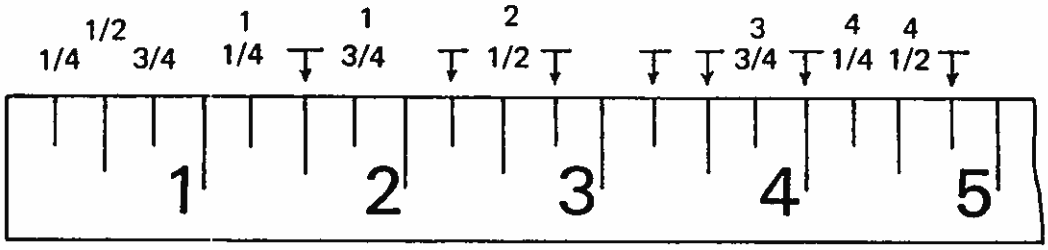
b. Each inch on the rule below is divided into how many parts? _____




11. Fill in the missing numbers.