

Guided Notes – Reading a Ruler

Symbols in Measurement

1. The symbol `` (apostrophe) represents _____.
2. The symbol "" (quotation mark) represents _____.
3. Example: 1 3/8" means one and _____ inches.
4. Example: 1' 3/8" means one _____ and three-eighths inches.

Ruler Basics

5. Each foot is divided into _____ inches.
6. The longest line in the middle of an inch represents _____ ($\frac{1}{2}$).
7. Two quarter-inch marks ($\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$) equal _____.
8. There are _____ one-eighth (■) marks in an inch.
9. There are _____ one-sixteenth ($\frac{1}{16}$) marks in an inch.

Fractions on a Ruler

10. $\frac{8}{16}$ " is the same as _____.
11. $\frac{4}{16}$ " is the same as _____.
12. Fractions should always be said in their _____ denominator.

Practice Identifying Fractions

13. Halfway between 0" and 1" is _____.
14. The fraction for $\frac{2}{8}$ " reduced is _____.
15. The fraction for $\frac{12}{16}$ " reduced is _____.
16. The mark just before 1" is _____/16.

Review Questions (from slides)

17. What is the length of the red line? (Choices: $\frac{5}{8}$, $\frac{9}{16}$, $\frac{3}{4}$, $\frac{11}{16}$) → _____
18. What is the length of the red line? (Choices: $1\frac{1}{4}$, $1\frac{1}{16}$, $1\frac{1}{8}$, $1\frac{3}{16}$) → _____
19. What is the length of the red line? (Choices: ■, $\frac{3}{4}$, $1\frac{1}{8}$, $1\frac{7}{16}$) → _____
20. What is the length of the red line? (Choices: $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{7}{16}$) → _____