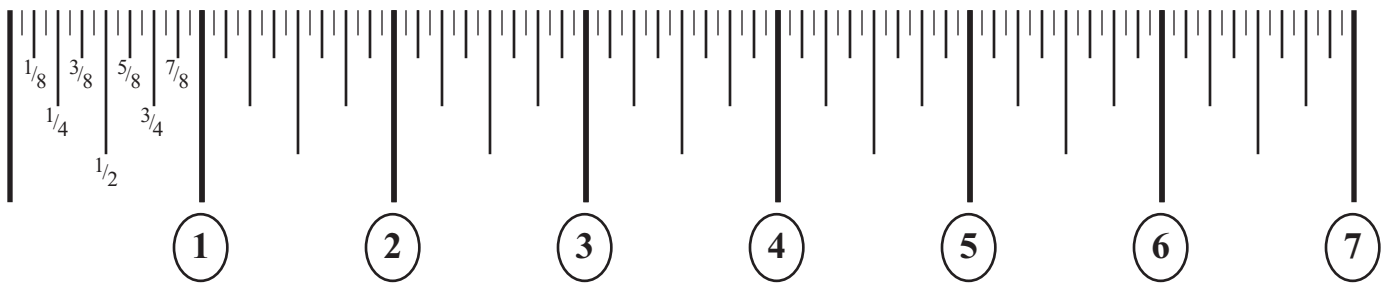
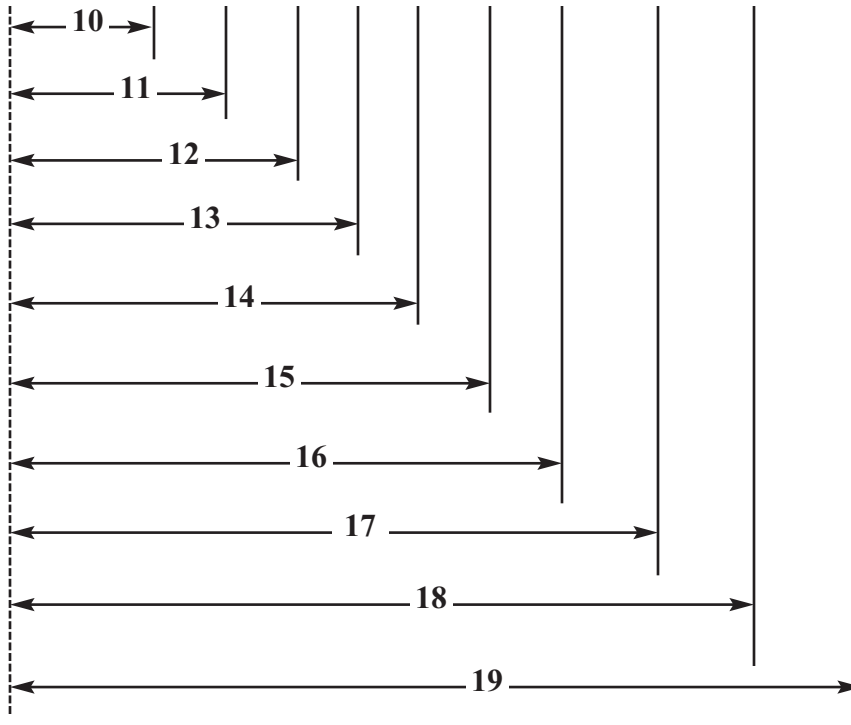
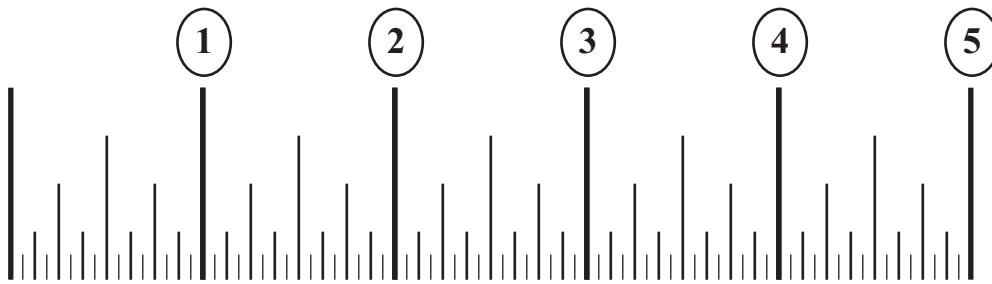


Ruler Reading



1. On the upper part of the ruler shown each division equals $\frac{1}{16}$ inch. This means there are 16 divisions in each inch. How many $\frac{1}{16}$ -inch divisions are there in 3 inches? _____
2. On the ruler above there are also $\frac{1}{8}$ inch divisions. This means there are 8 divisions in each inch. How many $\frac{1}{8}$ -inch divisions are there in 3 inches? _____
3. How many $\frac{1}{16}$ " divisions are there in $\frac{1}{4}$ " ? _____
4. How many $\frac{1}{16}$ " divisions are there in $\frac{3}{8}$ " ? _____
5. How many $\frac{1}{16}$ " divisions are there in $\frac{7}{8}$ " ? _____
6. How many $\frac{1}{8}$ " divisions are there in $\frac{3}{4}$ " ? _____
7. How many $\frac{1}{8}$ " divisions are there in $\frac{1}{4}$ " ? _____
8. How many $\frac{1}{8}$ " divisions are there in $\frac{1}{2}$ " ? _____
9. How many $\frac{1}{4}$ " divisions are there in $1\frac{1}{2}$ " ? _____

GIVE THE SCALE READING INDICATED ON THE RULER SHOWN BELOW IN INCHES:



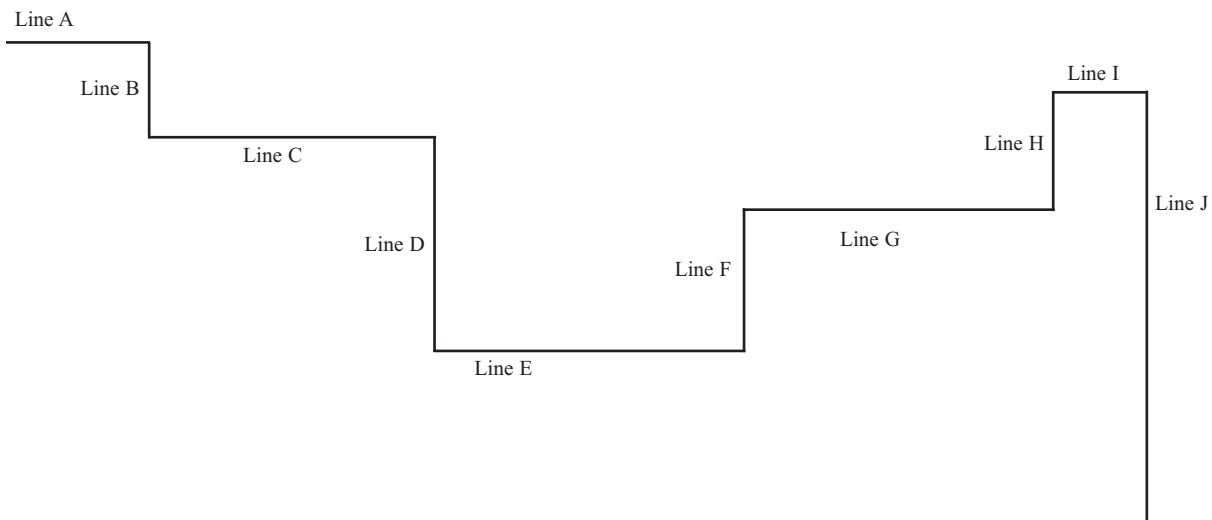
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____

USING A RULER MEASURE THE FOLLOWING LINES:

from tip of arrow to tip of arrow

- 20.
- 21.
- 22.
- 23.
- 24.
- 25.
- 26.
- 27.
- 28.

- 20. _____
- 21. _____
- 22. _____
- 23. _____
- 24. _____
- 25. _____
- 26. _____
- 27. _____
- 28. _____



With a ruler determine the total lengths of the following line segments;

29. Determine the total lengths of lines A, B, and C in inches. _____

30. Determine the total lengths of lines D, E, and F in inches. _____

31. Determine the total lengths of lines B, D, and F in inches. _____

32. Determine the total lengths of lines G, H, and I in inches. _____

33. Determine the total lengths of lines H, I, and J in inches. _____