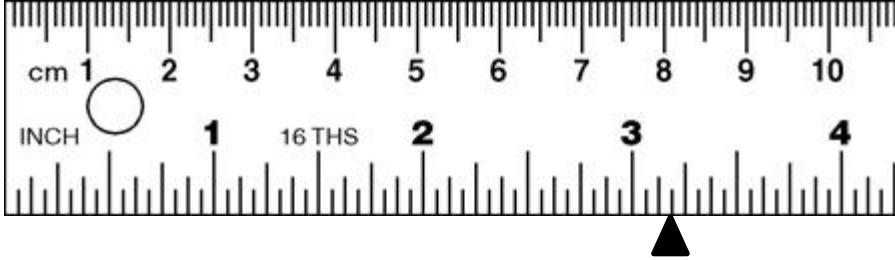
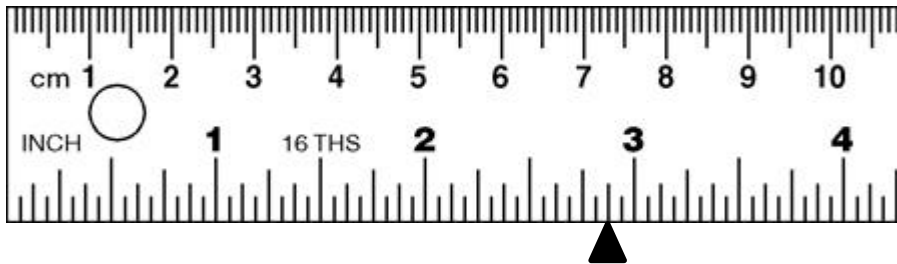


Math Skills Assessment

1. How many inches are indicated on the ruler? _____



2. How many inches are indicated on the ruler? _____



3. How many inches long is the bold line? _____



Add the following measurements:

4. $4 \frac{3}{4}'' + 5 \frac{3}{8}''$ _____

5. $5 \frac{3}{16}'' + 2 \frac{1}{2}''$ _____

Subtract the following measurements:

6. $7 \frac{3}{4}'' - 5 \frac{5}{8}''$ _____

7. $9 \frac{1}{2}'' - 6 \frac{9}{16}''$ _____

Multiply the following measurements:

8. $4 \frac{3}{8}'' \times 6$ _____

9. $5 \frac{7}{8}'' \times 4$ _____

10. $9 \frac{7}{16}'' \times \frac{1}{2}$ _____

11. $3 \frac{1}{4}'' \times \frac{1}{3}$ _____

Divide the following measurements:

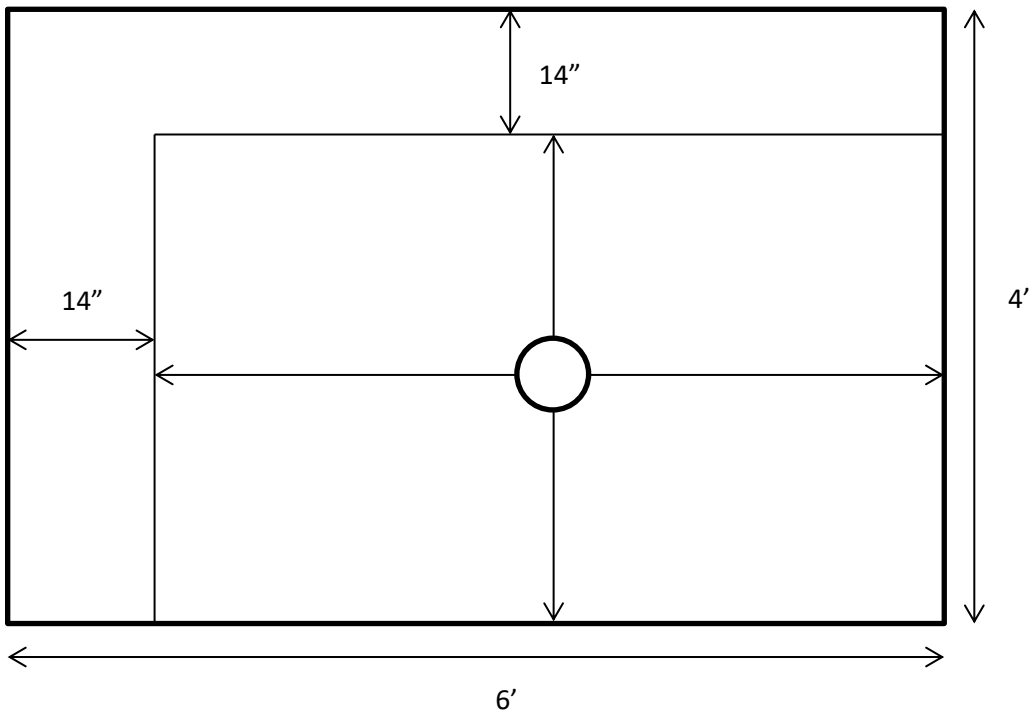
12. $6 \frac{3}{8}'' \div 3$ _____

13. $5 \frac{5}{8}'' \div 5$ _____

Solve the following word problems involving measurements:

14. You need $10\frac{1}{2}'$ of wire for a job, and you have $11' 9''$ of wire. How much wire should you trim off? _____
15. Refer to the figure below for this problem.

You need to install a light fixture in a closet. The closet is $6'$ by $4'$. There is a shelf on two of the closet walls. The shelf extends $14''$ from each wall. The light fixture needs to be centered between each shelf and its opposing wall, as shown below.



How far from the $6'$ wall should the light fixture be installed? _____

How far from the $4'$ wall should the light fixture be installed? _____