

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

F. Match the letter of the line with the correct measurement.

- |              |    |
|--------------|----|
| _____ 1"     | A. |
| _____ 2 1/2" | B. |
| _____ 4"     | C. |
| _____ 3 5/8" | D. |
| _____ 3/8"   | E. |
| _____ 3 1/4" | F. |
| _____ 3/4"   | G. |

G. Use your ruler to measure the lines below. Be accurate to the nearest 1/8 of an inch.

Example 1 1/2"

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

C. Using the inch segment as a guide, find the missing number in each of the following:

1.  $1/8" = \underline{\quad}/16"$

6.  $1/4" = \underline{\quad}/8"$

2.  $3/8" = \underline{\quad}/16"$

7.  $3/4" = \underline{\quad}/8"$

3.  $6/8" = \underline{\quad}/16"$

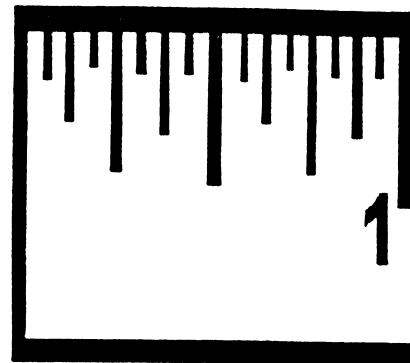
8.  $1" = \underline{\quad}/16"$

4.  $7/8" = \underline{\quad}/16"$

9.  $1" = \underline{\quad}/8"$

5.  $5/8" = \underline{\quad}/16"$

10.  $1" = \underline{\quad}/2"$



D. One fourth plus one fourth equals two fourths ( $1/4" + 1/4" = 2/4"$ ) but, we don't write  $2/4"$ , instead we reduce it to  $1/2"$ . Now, reduce the following fractions to their proper form.

1.  $2/8" = \underline{\quad}$

5.  $4/8" = \underline{\quad}$

9.  $4/16" = \underline{\quad}$

2.  $6/8" = \underline{\quad}$

6.  $8/16" = \underline{\quad}$

10.  $2/4" = \underline{\quad}$

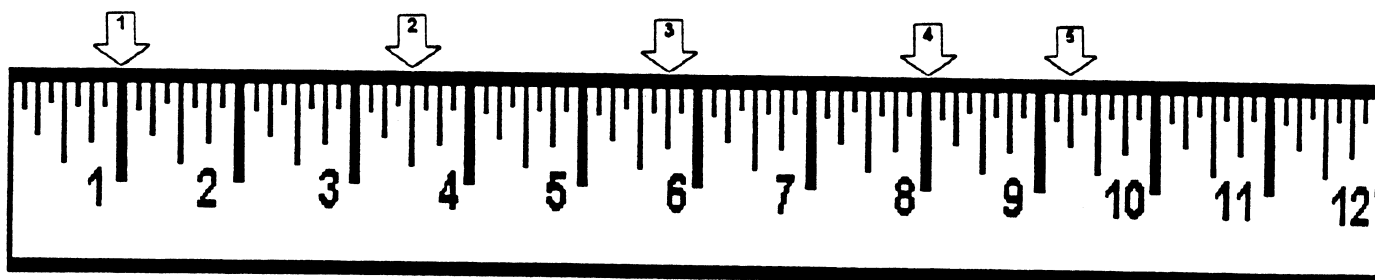
3.  $12/16" = \underline{\quad}$

7.  $6/16" = \underline{\quad}$

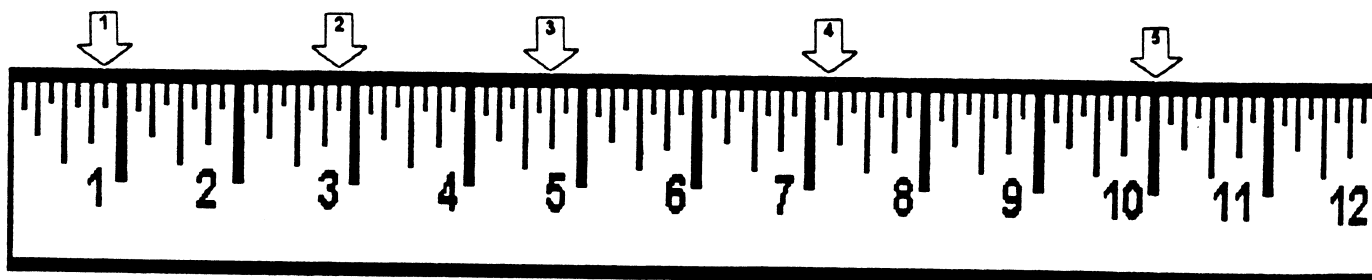
4.  $14/16" = \underline{\quad}$

8.  $2/8" = \underline{\quad}$

E. Using the ruler, record the measurement of each arrow.



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

A. Rewrite the following measurements using the foot ( ' ) and inch ( " ) symbols.

Example: 65 Feet 4 Inches = 65' 4"

1. 3 Feet 8 Inches = \_\_\_\_\_

2. 8 Feet 4 Inches = \_\_\_\_\_

3. 25 Feet 3 1/2 Inches = \_\_\_\_\_

4. 55 Feet 11 1/2 Inches = \_\_\_\_\_

5. 38 Feet 5 5/16 Inches = \_\_\_\_\_

6. Three Feet Three Inches = \_\_\_\_\_

7. Four Feet Nine Inches = \_\_\_\_\_

8. Thirty Three Inches = \_\_\_\_\_

9. Sixty Five Feet = \_\_\_\_\_

10. Six Feet Five Inches = \_\_\_\_\_

B. Answer the following questions:

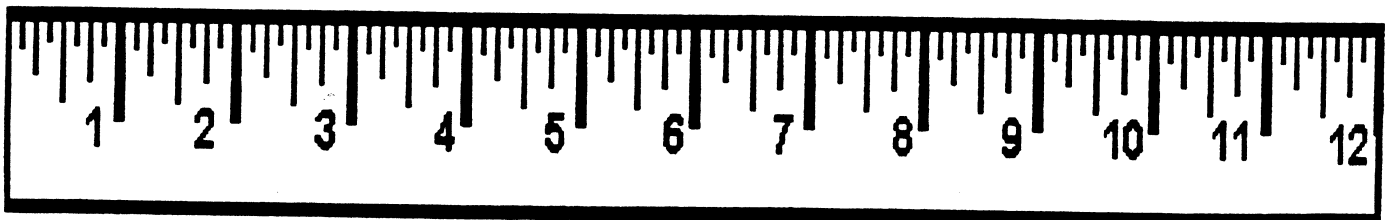
1. How many inches are in a foot? \_\_\_\_\_

2. 36" equals how many feet? \_\_\_\_\_

3. How many yards are there in 72"? \_\_\_\_\_

4. How many feet are there in 72"? \_\_\_\_\_

5. How many quarters are there in 3/4"? \_\_\_\_\_



## Answers to Student Workbook Questions

### A.

1. 3' 8"
2. 8' 4"
3. 25' 3 1/2"
4. 55' 11 1/2"
5. 38' 5 5/16"
6. 3' 3"
7. 4' 9"
8. 33"
9. 65'
10. 6' 5"

### B.

1. 12
2. 3
3. 2
4. 6
5. 3

### C.

- |       |       |
|-------|-------|
| 1. 2  | 6. 2  |
| 2. 6  | 7. 6  |
| 3. 12 | 8. 16 |
| 4. 14 | 9. 8  |
| 5. 10 | 10. 2 |

### D.

- |         |         |          |
|---------|---------|----------|
| 1. 1/4" | 5. 1/2" | 9. 1/4"  |
| 2. 3/4" | 6. 1/2" | 10. 1/2" |
| 3. 3/4" | 7. 3/8" |          |
| 4. 7/8" | 8. 1/4" |          |

### E.

- |           |           |           |           |            |
|-----------|-----------|-----------|-----------|------------|
| 1. 1"     | 2. 3 1/2" | 3. 5 3/4" | 4. 8"     | 5. 9 1/4"  |
| 1. 7/8"   | 2. 2 7/8" | 3. 4 3/4" | 4. 7 1/8" | 5. 10"     |
| 1. 1 1/8" | 2. 3 3/8" | 3. 6 5/8" | 4. 9 3/4" | 5. 11 3/8" |

### F.

- |   |        |
|---|--------|
| E | 1"     |
| G | 2 1/2" |
| B | 4"     |
| D | 3 5/8" |
| F | 3/8"   |
| C | 3 1/4" |
| A | 3/4"   |

### G.

1. 4 1/2"
2. 3 3/8"
3. 2 7/8"
4. 3 5/8"
5. 2 1/8"
6. 2 1/2"
7. 3 3/4"
8. 1 1/4"
9. 3"
10. 2 1/2"