

Name _____

Date _____

1. Determine the following sums and differences. Show your work.

a. $2 \text{ yd } 2 \text{ ft} + 1 \text{ ft} = \underline{\hspace{2cm}} \text{ yd}$

b. $2 \text{ yd} - 1 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

c. $2 \text{ ft} + 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

d. $5 \text{ yd} - 1 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

e. $7 \text{ in} + 5 \text{ in} = \underline{\hspace{2cm}} \text{ ft}$

f. $7 \text{ in} + 7 \text{ in} = \underline{\hspace{2cm}} \text{ ft} \underline{\hspace{1cm}} \text{ in}$

g. $1 \text{ ft} - 2 \text{ in} = \underline{\hspace{2cm}} \text{ in}$

h. $2 \text{ ft} - 6 \text{ in} = \underline{\hspace{2cm}} \text{ ft} \underline{\hspace{1cm}} \text{ in}$

2. Find the following sums and differences. Show your work.

a. $4 \text{ yd } 2 \text{ ft} + 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

b. $6 \text{ yd } 2 \text{ ft} + 1 \text{ yd } 1 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

c. $5 \text{ yd } 1 \text{ ft} - 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

d. $7 \text{ yd } 1 \text{ ft} - 5 \text{ yd } 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd} \underline{\hspace{1cm}} \text{ ft}$

e. $7 \text{ ft } 8 \text{ in} + 5 \text{ in} = \underline{\hspace{2cm}} \text{ ft} \underline{\hspace{1cm}} \text{ in}$

f. $6 \text{ ft } 5 \text{ in} + 5 \text{ ft } 9 \text{ in} = \underline{\hspace{2cm}} \text{ ft} \underline{\hspace{1cm}} \text{ in}$

g. $32 \text{ ft } 3 \text{ in} - 7 \text{ in} = \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in}$

h. $8 \text{ ft } 2 \text{ in} - 3 \text{ ft } 11 \text{ in} = \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in}$

3. Laurie bought 9 feet 5 inches of blue ribbon. She also bought 6 feet 4 inches of green ribbon. How much ribbon did she buy altogether?
4. The length of the room is 11 feet 6 inches. The width of the room is 2 feet 9 inches shorter than the length. What is the width of the room?
5. Tim's bedroom is 12 feet 6 inches wide. The perimeter of the rectangular shaped bedroom is 50 feet.
- What is the length of Tim's bedroom?
 - How much longer is the length of Tim's room than the width?

Answer Key

1.
 - a. 3
 - b. 1, 2
 - c. 1, 1
 - d. 4, 2
 - e. 1
 - f. 1, 2
 - g. 10
 - h. 1, 6
2.
 - a. 5, 1
 - b. 8, 0
 - c. 4, 2
 - d. 1, 2
 - e. 8, 1
 - f. 12, 2
 - g. 31, 8
 - h. 4, 3
3. 15 ft 9 in, or 189 in
4. 8 ft 9 in, or 105 in
5.
 - a. 12 ft 6 in, 150 in
 - b. Length is equal to width