

Name _____

Date _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.
- a. What is the length of Tim's bedroom?
- b. How much longer is the length of Tim's room than the width?