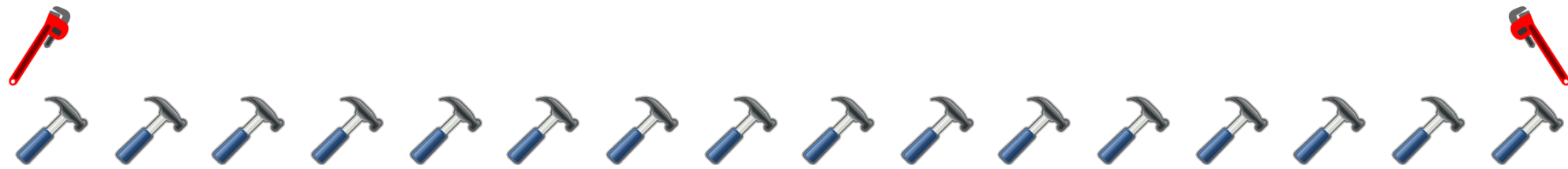
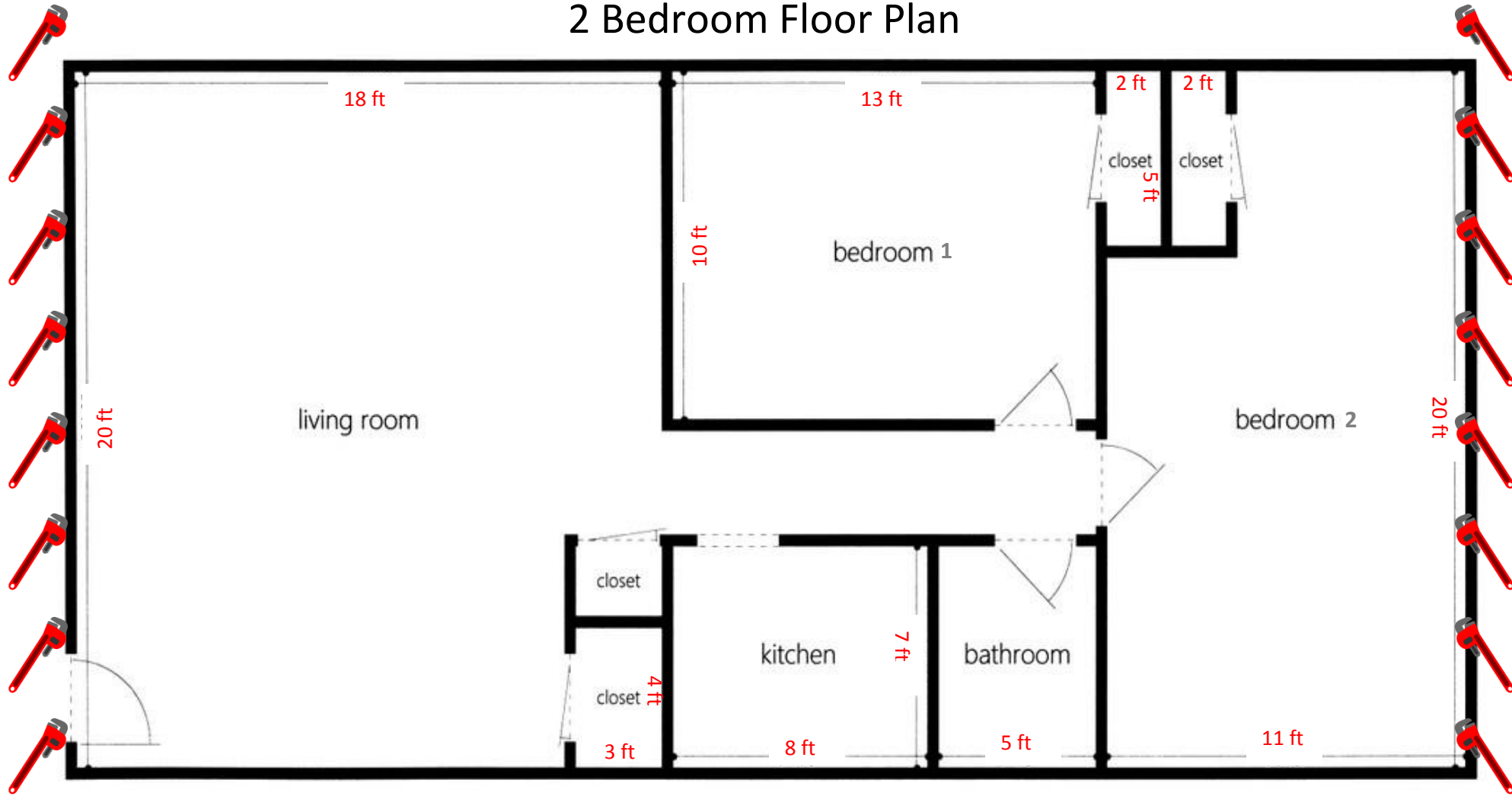




2 Bedroom Floor Plan





2 Bedroom Floor Plan

1) You are putting a linoleum floor in your kitchen. How much linoleum do you need to order? _____

2) You are tiling the bathroom floor. How much tile do you need to order? _____

3) You are putting a carpet in bedroom 1 (including the closet). How much carpeting do you need to order? _____

4) You are putting a border around your kitchen wall. Your border will go above the doorways.

How many feet of border do you need to order? _____



5) You are installing hardwood floors in bedroom 2 (including the closet). How much wood do you need? _____

6) You are installing gutters around your entire house. How many feet of gutter do you need to order? _____

7) What is the total square footage of your house? _____

8) You are putting baseboards along the walls of bedroom 2. You need to avoid all doorways (3 ft wide).

How much wood do you need to order? _____





Two Bedroom Floor Plan Challenge:



9) You want to carpet the living room and hallway (do not include the closets). How much carpeting do you need to order?





10) The walls are 10 feet high. How much paint is needed to paint the kitchen? Do not include the 8ft by 3ft doorways.





11) For April Fool's Day, Mr. Blake wanted to fill his bathroom with packing material. How much packing material will he need if the walls are 10 feet high? _____



Extension:



On a piece of graph paper design a pool surrounded by a patio for your backyard. Enclose your pool and patio with a fence.



You must calculate the following:



Total amount of material needed for a pool cover. _____



Total amount of bricks needed for the patio surrounding the pool. _____



Total amount of fencing needed to enclose your pool and patio. _____



Total amount of water needed to fill your pool. _____

Total amount of pool lining needed. _____



3 Bedroom Floor Plan





3 Bedroom Floor Plan



1) How much tiling will you need to tile your kitchen floor? _____



2) You will need a boarder around your kitchen (above doors). How much boarder will you need to order? _____



3) How much flooring do you need to install hardwood floors in your living area and dining area? _____



4) How much wood do you need to install baseboards around your living area and dining area (avoid all 3 foot doorways)? _____



6) How much carpet will you need to cover each bedroom (include the closets)?

Bedroom 1 _____ Bedroom 2 _____ Bedroom 3 _____



7) What is the total square footage of your house? _____



8) How many feet of gutter do you need to buy to go around your entire home? _____



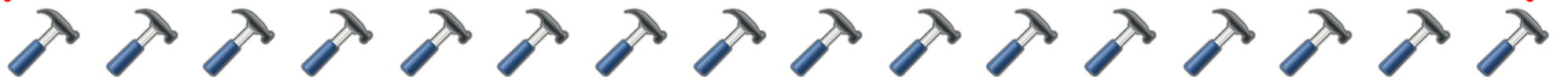
Challenge:



9) For April Fool's Day, Mr. Blake wanted to fill his bathroom with packing material. How much packing material will he need if the walls are 10 feet high? _____




10) How much paint is needed to paint the bathroom walls if the walls are 10 feet tall (avoid all 8ft by 3ft doorways)? _____








 **Three Bedroom Floor Plan Extension 1:**


Add a deck to the front of your house. It should extend from the corner of bedroom 3 to the end of the living area.


 How much wood will you need for the floor of your deck? _____


 How many feet of railing will you need to go around your deck (leave a 3 foot entrance)? _____


 **Extension 2:** 


On a piece of graph paper design a pool surrounded by a patio for your backyard. Enclose your pool and patio with a fence.


 You must calculate the following:

 Total amount of material needed for a pool cover. _____

 Total amount of bricks needed for the patio surrounding the pool. _____

 Total amount of fencing needed to enclose your pool and patio. _____

 Total amount of water needed to fill your pool. _____

 Total amount of pool lining needed. _____



Flooring:

Rug:



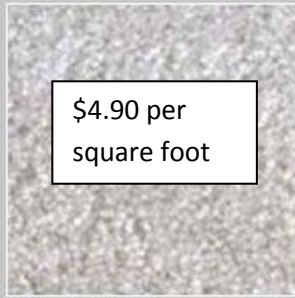
\$3.79 per
square foot

Loop pile carpet



\$4.20 per
square foot

Twist pile carpet



\$4.90 per
square foot

Cut pile carpet

Harwood Flooring:

Oak



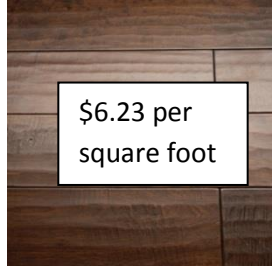
\$8.22 per
square foot

Walnut



\$7.79 per
square foot

Engineered Wood



\$6.23 per
square foot

Tile: Ceramic



\$14.75 per
square foot

Porcelain



\$12.25 per
square foot

Slate



\$10.37 per
square foot

Linoleum:



Shaw Grandview

\$3.09 per
square foot



**Shaw Carriage
House - Palais**

\$2.54 per
square foot



**Shaw Carriage
House - Bistro**

\$4.16 per
square foot

Boards:

Stencil Boarder:

Country



\$17.98 per
15 feet

Fun



\$14.98 per
15 feet

Modern



\$22.96 per
15 feet

Baseboards:



\$5.99 per ft.

\$4.22 per ft.

\$3.57 per ft.

Gutters:



\$6.07 per ft.



\$7.49 per ft.



\$9.72 per ft.

Other:

Packing Material:

Traditional

Recycled

\$28.99 per
cubic foot



\$21.99 per
cubic foot



Paint: One can will cover about 400 square feet.

Glidden



\$23.96 per gallon

Benjamin
Moore



\$47.99 per gallon

Sherman
Williams



\$31.99 per gallon

Calculating the Cost for the 2 Bedroom Home

Calculate the cost to decorate the 2 bedroom home. You may choose which material to use.

Linoleum Floor in Kitchen:

Which linoleum will you be using? _____

Cost per square foot? _____

Cost to cover the kitchen floor? _____

Tile Floor in Bathroom:

Which tile will you be using? _____

Cost per square foot? _____

Cost to cover the bathroom floor? _____

Carpet in Bedroom 1:

Which carpet will you be using? _____

Cost per square foot? _____

Cost to cover the bedroom floor? _____

Border around Kitchen:

Which border will you be using? _____

Cost per foot? _____

Cost to put a border around your kitchen? _____

Gutters around House:

Which gutter will you be using? _____

Cost per foot? _____

Cost to install gutters around your house? _____

Baseboards in Bedroom 2:

Which baseboard will you be using? _____

Cost per foot? _____

Cost to install baseboards in bedroom 2? _____

Carpet Living Room and Hallway:

Which carpet will you be using? _____

Cost per square foot? _____

Cost to cover the living room and hallway floor? _____

Paint Kitchen Walls:

Which paint will you be using? _____

Cost per gallon? _____

Cost to cover the kitchen walls? _____

Fill Bathroom with Packing Material:

Which packing material will you be using? _____

Cost per cubic foot? _____

Cost to fill the bathroom? _____

Calculating the Cost for the 3 Bedroom Home

Calculate the cost to decorate the 2 bedroom home. You may choose which material to use.

Tile Floor in Kitchen:

Which tile will you be using? _____

Cost per square foot? _____

Cost to cover the kitchen floor? _____

Border around Kitchen:

Which border will you be using? _____

Cost per foot? _____

Cost to put a border around the kitchen? _____

Hardwood Floors in Living Area and Dining Room:

Which Hardwood floor will you be using? _____

Cost per square foot? _____

Cost to cover the living area and dining room floors? _____

Baseboards around Living Area and Dining Room:

Which baseboard will you be using? _____

Cost per foot? _____

Cost to install baseboards? _____

Linoleum in Bathroom:

Which Linoleum will you be using? _____

Cost per foot? _____

Cost to cover the bathroom floor? _____

Carpet all Three Bedrooms:

Which carpet will you be using? _____

Cost per square foot? _____

Cost to cover all three bedrooms? _____

Gutters around House:

Which gutter will you be using? _____

Cost per foot? _____

Cost to install gutters around your house? _____

Fill Bathroom with Packing Material:

Which packing material will you be using? _____

Cost per cubic foot? _____

Cost to fill the bathroom? _____

Paint Bathroom Walls:

Which paint will you be using? _____

Cost per gallon? _____

Cost to cover the bathroom walls? _____