

_____ & Dream House

Congratulations! The bank has approved your loan request to be able to buy your very first house! Before we get into the fun stuff, we need to make sure you understand the logistics of buying a house... you know, the grown up stuff.

You requested \$300,000 and the bank approved the whole request! Your credit score must rock! Now we need to talk about how much interest you're going to have to pay and the schedule to pay it back... then onto the fun stuff, I swear.

The bank approved your loan with a 2.5% interest fee. So let's figure out how much they're charging you to borrow this money.

☐ First let's change 2.5% to a decimal:

☐ Now we need to multiply that by how much our loan was for:

☐ Now add that number to the loan amount:

☐ So you have to pay the bank back a total of: \$_____

Don't worry! The bank says you have 15 years to pay it back! So let's figure out how much a month that is.

☐ First let's divide our total by 15 to figure out how much it is per year:

☐ Now divide that by 12 months to get your cost per month:

☐ So you have to pay back \$_____ per month. Not too bad. Now let's get into the fun details.

We are going to be designing 5 rooms together.

- o Your bedroom which measures 13 feet by 10 feet.
- o Your kitchen which measures 20 feet by 10 feet.
- o Your living room which measures 20 feet by 30 feet.
- o Your bathroom which measures 10 feet by 7 feet.
- o Your backyard which measures 40 feet by 25 feet.

Your realtor found 3 different types of homes all within your budget. Each home offers something different so you need to decide which one suits your needs:

Option A

- House on Highland Rd.
- Gated Neighborhood
- Built-in Alarm System
- 2 stories
- \$250,000



Option B

- House on O'Neal Drive
- Gated Neighborhood
- 1 story home
- \$200,000



Option C

- House on S. Harrell's Ferry
- 1 story home
- \$175,000



I choose Option _____ because

now I have \$ _____ left.

Now, we're going to start decorating!
Let's start with your bedroom first. We need to keep in mind that your bedroom is 13 feet by 10 feet. First we need to decide what type of flooring you want.

☐ Wood flooring costs \$1.55 per square foot



☐ Carpet flooring costs \$0.65 per square foot



☐ Tile flooring costs \$1.98 per square foot



• The type of flooring I choose is _____ which costs _____ per square foot. To find out how much flooring I need to buy, I need to find the area of my bedroom. The formula for area of a bedroom is _____. So I'm going to multiply _____ x _____.

Now I need to figure out how much it will cost me. So I need to multiply my area by the cost of my flooring.

• My flooring will cost me \$_____ for my bedroom.

· Flooring is out the way, let's move onto painting the bedroom!

· There are some logistics we need to discuss.

✓ Each paint can covers 200 square feet of wall.

✓ Each paint can costs \$20.

First, let's do the fun part and pick your paint color!

Now let's figure out how much paint we need. Find the area of one wall:

Glue paint sample for your bedroom here

Now multiply that by 4:

How do we figure out how many cans we need? _____

So, we need _____ cans. Remember, each can costs \$20 so the paint will cost you \$_____.

Time to make your room your own and decorate it! Circle the items you want for your room:



Pillow: \$15

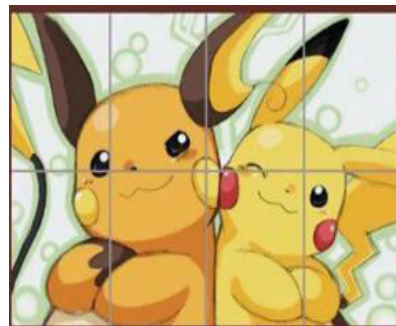
Lamp: \$25

Fridge: \$50

Chair: \$45

Nightstand: \$25

Pikachu Canvass: \$35



Total Bedroom Cost: \$_____. Now I have \$_____ left.

- Onto the next room! Let's move to the
- kitchen next. We need to remember your kitchen dimensions: 20 feet by 10 feet. First, let's pick your cabinets. Your cabinets will only be on one wall, so you need 20 feet.

Option A:

- \$216 per cabinet box
- Each box is 5 feet long
- You would need _____ of these boxes.



Option B:

- \$99 per cabinet box
- Each box is 2 feet long
- You would need _____ of these boxes.



Now, let's pick your sink for the kitchen:

Option A:

- \$99
- Good for someone who doesn't do a lot cooking

Option B:

- \$299
- More practical for home-chefs.



Time to paint! We only need to paint one wall in your kitchen. Find the area of your wall:

Glue paint sample for your kitchen here

Each can covers 200 square feet, so we need ____ can and it will cost you \$_____.

Total Kitchen Cost: \$_____. Now I have \$_____ left.

kitchen was simple, let's do the living room now. Remember your living room measures 20 feet by 30 feet.

Let's pick out the flooring first:

☐ Wood flooring costs \$1.55 per square foot



☐ Carpet flooring costs \$0.65 per square foot



☐ Tile flooring costs \$1.98 per square foot



I choose _____. I need _____ square feet of flooring which will cost me \$_____.

Time to paint! We need to paint all 4 walls.
So let's find the area of one wall: _____
and multiply it by 4 _____.

Each can covers 200 square feet, so we
need ____ can and it will cost you
\$_____.

Circle any extra items you
would like for your living
room:

*Glue paint sample for
your living room here*



TV stand \$140	Lamp \$25	Table \$80	Recliner \$500
Flat Screen \$250	Leather Couch \$1000	Clock \$30	



Total Living Room Cost: \$_____. Now
I have \$_____ left.

Now we're moving to the bathroom.
Remember your bathroom measures
10 feet by 7 feet.
Let's pick out the flooring first:

☐ Wood flooring costs
\$1.55 per square
foot



☐ Tile flooring
costs \$1.98 per
square foot



I choose _____. I need _____
square feet of flooring which will
cost me \$_____.

We have a few options for the bathroom. Circle your choices



Tub is \$1000

Shower is \$1500



Option A: \$150

Option B: \$100

Option C: \$50



Option A: \$500

Option B: \$750

Option C: \$1000

Let's finish up your bathroom by picking the paint color. Remember, your bathroom is 10 feet by 7 feet. Find the area of one wall of your bathroom _____.

We're painting all 4 walls, so multiply it by 4 _____.

If each can of paint covers 200 square feet, how many cans do you need? _____

If each can costs \$20, the paint will cost you \$_____.

*Glue paint sample for
your bathroom here*

Total Bathroom Cost: \$_____.

Now I have \$_____ left.

Time to move outside and work on your backyard. When you moved in, your backyard was just dirt. So the first thing we need to do is plant some grass back there!

- Remember your backyard is 40 feet by 25 feet!
- Let's find the area of your backyard :

- Each bag of grass seeds covers 100 square feet, so you need _____ bags.
- Each bag costs \$7.98, so the grass seeds will cost you a total of

_____.

Now let's figure out your fencing cost.

- Find the perimeter of your backyard

- Fencing costs \$1.50 per foot so it will cost you _____.

- Now that you spent all that money on grass and a fence, time to put some stuff in your yard!
Circle the items you would like to add:



← Wooden
Shed \$1000

Plastic Shed
\$250 →



← Pool
without
deck \$1000

Pool with deck
\$3000 →



← Hammock
\$250

Swing \$200 →



Total Backyard Cost: \$_____.

Now I have \$_____ left.

Now comes the super fun part! You didn't spend all the money that the bank loaned you, so now you get to buy some fun things for your house! Circle the items you want! If you want more than one, write how many you want.



Arcade Game \$750
Trampoline \$300

Fish Tank \$200
Pool Table \$450

Water Fountain \$150
Puppy \$75



Charging Station \$50

Throne \$700

Unreleased Xbox
720 \$400



How much did you spend on extras?

_____. Now I have

\$_____ left.

✓ What was your most expensive room?

✓ What was your least expensive room?

✓ What is the sum of all your rooms?

✓ What is the difference between your bedroom and your kitchen?

✓ What is the difference between your living room and your backyard?

✓ What is your 2 favorite rooms?

✓ What is the sum of those 2 rooms?

✓ Were you surprised at how much everything cost? Explain why or why not _____

✓ If you could put anything else in your house, what would it be? _____

✓ Did you enjoy this project? _____

