

\$hopping \$pree

Main Objective: You are remodeling a room in your house, and you need to furnish it. The list below details every item you need to buy in order to make your room complete. Choose one room and only buy for that room. You may work with a partner or work alone. You only have \$2,500 to spend on the remodel!

The additional objectives of this project are to:

- (1) help students better understand mathematical concepts and formulas by applying them in a real life situation
- (2) integrate math with technology, providing students with the opportunity to utilize their cognitive, technological, and creative abilities
- (3) provide a motivational strategy that will encourage an appreciation for mathematics

Materials Needed: internet-access, calculator, item cost sheet, pictures

Bedroom

1. Bed (any size)
2. Sheets (at least one set)
3. Blanket (at least one and any type)
4. 2 pillows
5. Lamp
6. Picture Frame
7. Rug

Laundry Room

1. Washing Machine
2. Dryer
3. Ironing Board
4. Iron
5. Storage Rack
6. Vacuum Cleaner
7. Ceiling Fan

Kitchen

1. Refrigerator
2. Microwave
3. Toaster
4. Pots and Pans (at least 2)
5. Dishes (set)
6. Silverware (set)
7. Cups (at least 4)

Living Room

1. Couch
2. Love Seat
3. Chair (recliner or rocking)
4. End table
5. Lamp
6. Rug
7. Picture Frame

Dining Room

1. Table (any size and shape)
2. Chairs (sit at least 4 people)
3. Candlestick Holder
4. Candles
5. 4 Placemats
6. Vase
7. 4 Fabric Napkins

Bathroom

1. Shower curtain
2. Bath towels (at least 7)
3. Washcloths (at least 7)
4. Bath rug
5. Vanity set
6. Mirror
7. Storage rack

You need to go shopping! Listed below are the stores where you can go shop. You do not need to shop at every store, but you want to save money. Shopping around is the best way to save money. These are the only stores in which you can buy the items. You only have \$2,500 to spend, and you must buy every item on the list for your room.

Lowes **15% off every item**
www.lowes.com

Home Depot **17% off every item**
www.homedepot.com

Sears **10% off every item**
www.sears.com

Wal-Mart **12% off every item**
www.walmart.com

JC Penneys **7% off every item**
www.jcpenney.com

Rooms 2 Go **15% off every item**
www.roomstogo.com

Bed Bath&Beyond **8% off every item**
www.bedbathandbeyond.com

Every store is having a sale! The price listed on the website is not the final price. The discount listed above is in addition to any sale advertised at the store. You need to consider any discount, but don't forget about sales price. **The sales tax rate is 7.25%.**

Item cost sheet

Completely fill out the item cost sheet. Every column should be filled in. You can use the calculator to make the calculations. Round all of your numbers to the nearest penny.

Remember: You cannot go over your budget!

Poster

You need to create a poster, illustrating the 7 items you purchased. You can get the pictures from the website you purchased them or a picture of the same items from a different website. The poster must have the picture, store name, price, and grand total. Be creative!

Assessment

1. Item Cost sheet: correct and complete. **(50 points)**
2. Poster: all 7 items, neat and labeled. **(30 points)**
3. Presentation: Present to the class. **(10 points)**
4. Appropriate use of technology: used computer time to gather information. **(10 points)**