

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. Only buy for the room you selected. 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, poster board

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

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)

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

Laundry Room

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

Living Room

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

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.

Remember: You cannot go over your budget. You may shop online or in person.

Haverty's 10% off every item
www.havertys.com

Lowe's 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 tax. Since you live in Tennessee, **the sales tax rate is 9.25%**.

Item cost sheet

Completely fill out the item cost sheet. Every column should be filled in. You can use a 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 (any size), illustrating the 7 types of items you purchased. You can get the pictures from a variety of sources, such as magazines or websites (the items on the poster do not have to be the actual items you purchased, but they do need to represent what you purchased). The poster must have the picture, store name, original price, discount %, discount amount, tax, and grand total. **Be neat and creative with your poster!** You may type any part of the project.

Assessment

1. Item Cost sheet: correct and complete (50 points)
2. Poster: title, all 7 items, labeled and neat (30 points)
3. Presentation: Present to the class and turn in Monday, December 1st. (10 points)
4. Appropriate use of technology: computer and/or calculator (10 points)