



Excel Problem Solvers

1.

Listen to Tim and Susan's problem.

- Pay attention to the details.

2.

Build a spreadsheet with proper formulas.

3.

Answer the question with a graph.

1. School Shopping



I'm Susan. Would you help me pick one of these three stores to buy my school supplies? Here is my shopping list.

Susan's Shopping List

3 Ball Point Pens
1 TI-35 Calculator
7 100 page notebooks
1 bottle of 8 oz Glue
2 rolls of clear tape
2 Erasers
10 No. 2 Pencils
4 2 inch binders

1 USB Stick 5gb
1 box of 8 Color Markers
1 Stapler
1 Planner Book
1 Protractor
1 Compass
1 Bottle Liquid Paper

Walt-Mart

Ball Point Pen.....\$0.50
TI-35 Calculator.....\$28.00
100 page notebook...\$1.80
8 oz Glue\$1.20
Clear tape.....\$2.40
Eraser.....\$0.90
10 No. 2 Pencils\$.99
2 inch binder.....\$1.25
USB Stick 5gb\$9.50
8 Color Markers\$4.55
Stapler.....\$4.20
Planner Book.....\$3.90
Protractor\$1.00
Compass.....\$1.75
Liquid Paper.....\$2.00

Dollar Trap

Ball Point Pen\$0.40
TI-35 Calculator.....\$33.00
100 page notebook...\$1.00
8 oz Glue\$.80
Clear tape.....\$1.40
Eraser.....\$0.20
10 No. 2 Pencils.....\$.59
2 inch binder\$3.25
USB Stick 5gb\$14.00
8 Color Markers\$2.55
Stapler.....\$2.20
Planner Book.....\$5.00
Protractor.....\$2.00
Compass.....\$2.00
Liquid Paper\$1.00

Office Repo

Ball Point Pen\$1.40
TI-35 Calculator\$31.00
100 page notebook ..\$2.00
8 oz Glue.....\$1.50
Clear tape\$2.40
Eraser.....\$0.80
10 No. 2 Pencils\$2.59
2 inch binder.....\$2.15
USB Stick 5gb\$13.00
8 Color Markers.....\$6.00
Stapler.....\$3.00
Planner Book\$8.00
Protractor.....\$1.00
Compass\$1.00
Liquid Paper.....\$3.00

Some hints:

1. Read every detail in both people's comments and their shopping list.
2. Use a spreadsheet to calculate the total cost of the shopping list for using each person.
3. Make a bar chart showing the three company's total price for Susan and another chart for Tim.

I'm Tim. Would you help me pick one of these three stores to buy my school supplies? Here is my shopping list.

Tim's Shopping List

5 Ball Point Pens
1 TI-35 Calculator
4 100 page notebooks
2 bottles of 8 oz Glue
2 rolls of clear tape
2 Erasers
10 No. 2 Pencils
1 2 inch binders

1 USB Stick 5gb
1 box of 8 Color Markers
2 Bottle Liquid Paper



2. Cat or Dog?



I'm Susan. Would you help me choose a pet? I love both cats and dogs equally but I would like to spend as little money as possible each year. Compare these expenses in a spreadsheet and show me your answer. Create a graph.

Humane Society Pets Adoptions!

All dogs \$50

All cats \$90

The small print:

All pet adoptions include vaccinations, spaying and neutering.

Cat Accessory list

Collar\$2.00

Small ID tag\$4.50

Food and water bowl ...\$7.00

The small print:

Buy one of each of these for my pet.

Dog Accessory list

Collar (large)\$2.50

Large ID tag\$5.50

Food and water bowl....\$7.00

Leash\$3.00

The small print:

Buy one of each of these for my pet.

Cat Supplies list

Box of cat food \$11.00

Kitty Litter \$8.00

The small print: Buy two of each of these for my pet each month.

Dog Supplies list

Bag of dog food \$21.00

Dog treats \$3.00

The small print: Buy two of each of these for my pet each month.

Some hints:

1. Read every detail in both people's comments and the small print of each box.
2. Use a spreadsheet to calculate the total cost of ownership for owning each pet for one year (12 months).
3. Make a bar chart showing the first year's total price for a dog and a cat.