

Today's Topic

Visualizing A Budget

You will need:

- Calculator
- Items on student table
- Visualizing A Budget - I.P.
- Visualizing A Budget - Notes
- Pen or sharpened pencil

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Using Pie Charts

Interpreting a Pie Chart

Transportation Budget

Example 2: Kate and Paul budget \$800 per month for all of their transportation as shown in the pie chart. What information can you conclude from the pie chart?

Step 1: Measure the angles.

Category	Angle	%	\$
Fuel	90		
Insurance	55		
Repairs	45		
Car Wash	20		
Parking	45		
Train/Bus	70		
Miscellaneous	35		
Total	360	100	800

Example 2: Kate and Paul budget \$800 per month for all of their transportation as shown in the pie chart. What information can you conclude from the pie chart?

Step 2: Find the Percents by Using the Portion = Rate * Base formula.

Category	Angle	%	\$
Fuel	90	25	
Insurance	55	15	
Repairs	45	13	
Car Wash	20	5	
Parking	45	13	
Train/Bus	70	19	
Miscellaneous	35	10	
Total	360	100	800

$P = R * B$
 $90 = X * 360$
 $25 = X$

Step 3: Find the Percents by Using the Portion = Rate * Base formula.

Category	Angle	%	\$
Fuel	90	25	200
Insurance	55	15	120
Repairs	45	13	104
Car Wash	20	5	40
Parking	45	13	104
Train/Bus	70	19	152
Miscellaneous	35	10	80
Total	360	100	800

$P = R * B$
 $X = .25 * 800$
 $X = 200$

Interpreting a Pie Chart If you know one budget amount

Example 3: Use the same pie chart from example 2 as well as the "%" column. Mark & Carla's budget for fuel was \$300. What is their budget for the following?

Category	%	\$
Fuel	25	300
Insurance	15	180
Repairs	13	156
Car Wash	5	60
Parking	13	156
Train/Bus	19	228
Miscellaneous	10	120
Total	100	1,200

$P = R * B$
 $300 = .25 * X$
 $1200 = X$

$P = R * B$
 $X = .15 * 1200$
 $X = 180$

Test Next Class!

Please study:

- Cost Comparison - Notes
- Tracking an Expense - Notes
- Visualizing A budget with a Pie Chart - Notes
- All Prior notes!

Bring them to the test -
 you will be able to use these note pages
during the test!!

Please complete
Visualizing A Budget
with a Pie Chart -
Independent Practice

Finish the worksheet!
It will be graded at the
BEGINNING of class tomorrow

Tomorrow is the TEST!!!!