Financial Maths – Grade 8 Name: ____________________ Date: ____________

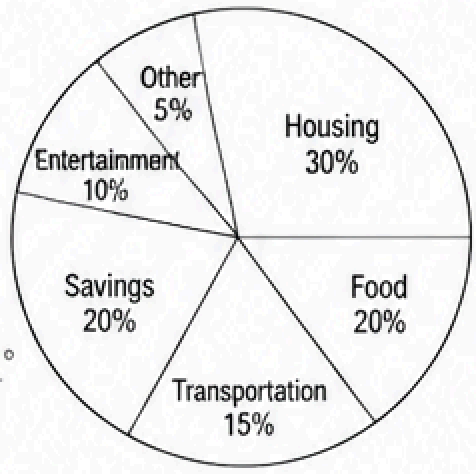
Reading and Interpreting Pie Charts with Money

Focus: Analyze pie charts showing budget breakdowns or expense categories to calculate amounts and percentages of total spending.

Read each pie chart and answer the questions that follow. Show your work where needed.

1. Monthly Budget

The pie chart shows how Jordan planned to spend a monthly budget of $2,400.



a) How many degrees of the pie chart are allocated to Housing? ________°

b) How many degrees are allocated to Entertainment? ________°

c) How much money is planned for Food? $______________

d) How much money is planned for Savings? $____________

e) How much money is planned for Other? $______________

f) What category has the largest amount of money allocated?

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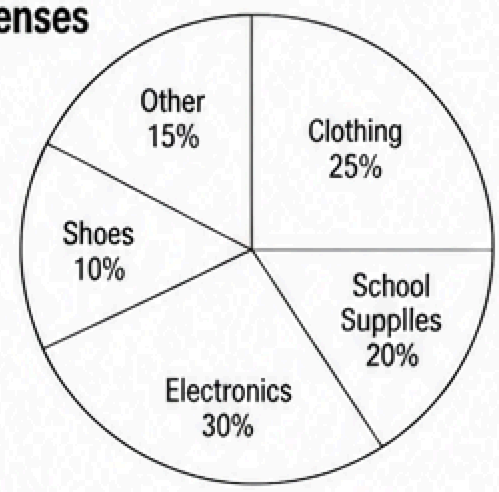
2. Back-to-School Expenses

The pie chart shows how Maya spent $800 on back-to-school items.



a) How much money was spent on Electronics? $____________

b) How much money was spent on School Supplies? $__________

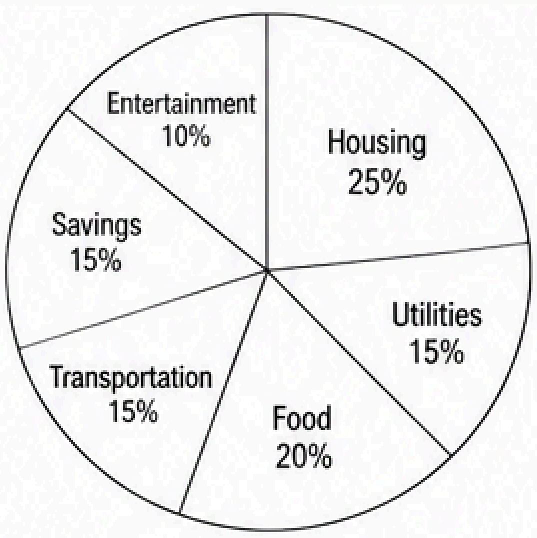
c) How much money was spent on Shoes? $____________

d) How many degrees represent Clothing? ________°

e) If Maya spent an additional $120 on Other items, what percent of the new total did Other represent? ________%

3. Monthly Expenses

The pie chart shows how Alex actually spent a total of $2,000 last month.



a) Fill in the table below. (Round to the nearest dollar.)

Category	Percent	Amount ($)
Housing	25%	
Utilities	15%	
Food	20%	
Transportation	15%	
Savings	15%	
Entertainment	10%	

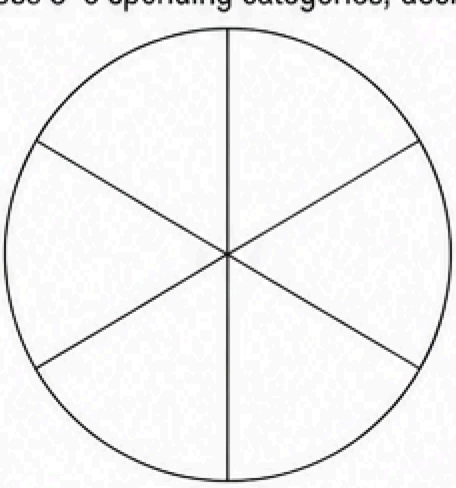
b) How much more did Alex spend on Food than on Entertainment? $__________________

c) What percent of the total did Alex spend on needs (Housing, Utilities, Food, Transportation)? __________%

d) What percent of the total did Alex spend on wants (Savings, Entertainment)? _________%

4. Create Your Own

You have a monthly income of $1,600. Create a budget by completing the pie chart below.
Choose 5–6 spending categories, decide on realistic percentages that total 100%, and label each section.



Category	Percent (%)	Amount ($)
Total	**100%**	**$1,600**