Name		Date	Period	Activity			
				Chapter 9, Lesson 2			
Preparing a Budget							
EXAMPLE In one week Carlos had take home pay of \$1,246.16. He spent \$311.54 for food for his family of six. What percent of his income did Carlos spend for food?							
Step 1	Divide the food expense by Carlos' take-home pay.	Step	2 Write the dec	imal as a percent.			
	.25		.25 = 25%				

Directions Solve the following problems. Round your answers to the nearest percent or nearest cent.

1. Jason spends \$240.00 on rent out of a monthly income of \$857.14. What percent of his monthly income did Jason spend on rent?

Carlos spent 25% of his take-home pay for food.

1246.16) 311.54

- 2. Arielle spends \$15.80 on transportation in a week. What percent of her weekly paycheck of \$131.67 goes to transportation costs?
- **3.** Dagmar brings home \$3,000 monthly. Her food bills are \$540 in a month. What percent of her monthly income is spent for food?
- 4. Jennifer plans to spend 5% on insurance. How much is allowed in a budget of \$450?
- 5. Griffith puts away \$180 from his monthly take home pay of \$2,000. What percent does he save?
- 6. Rachel spent \$150.00 one month on clothing. Her total budget of \$1,740.00 included 9% for clothes. Did she spend within her budget? How do you know?
- 7. Hailey saved \$1,200 in a given year. What percent of her annual take home pay of \$25,300 was saved?
- **8.** Logan purchased 12 DVD titles for a total of \$324.96 in a year. His annual budget of \$27,080.00 provides for an entertainment allowance of 5%. What percent did Logan spend on the DVDs?
- 9. Challenge: How much was left over in Logan's entertainment budget for other forms of entertainment that year?



Name	Date	Period	Activity
			Chapter 9, Lesson 4
Using Circle Graphs			
5			

Example	Jon's automotive budget provides for a \$225 car payment, \$80 for fuel, and \$25 for general maintenance. Draw a circle graph to show the percent budgeted in each category.				
Step 1	Find the total amount of his budget.	Step 2	Find the percent in each category.		
	\$225 80 + 25 \$330		$225 \div 330 = 68\% \\ 80 \div 330 = 24\% \\ 25 \div 330 = 8\%$	24% fuel	
Step 3	Find the degrees for each category.	Step 4	Draw the circle chart.	8% maintenance	
	$68\% \times 360 = 245^{\circ}$ $24\% \times 360 = 86^{\circ}$ $8\% \times 360 = 29^{\circ}$		car paj	68%	

Check that the degrees total 360. Some error may occur due to rounding.

Directions Draw circle graphs for each problem. Each chart is marked in 20 degree sections. Draw in your own lines to show your answers.

1. Brian's monthly insurance budget covers \$5 life insurance, \$25 health insurance and \$150 renters insurance, and \$100 auto insurance. Draw a circle graph to show the percent budgeted in each category.







