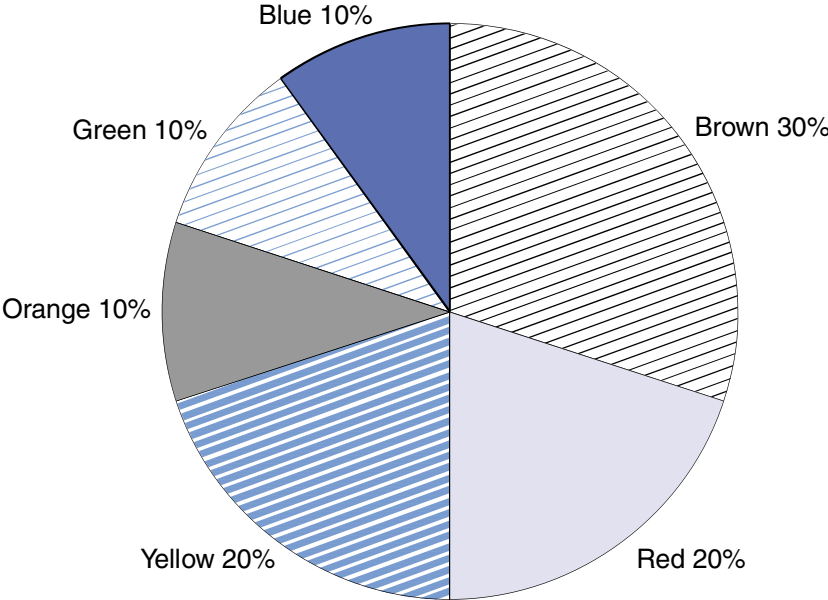


# VISUAL 12.1 ▲ Answer to Warm-Up



## VISUAL 12.2 ▲ Ang's Monthly Budget

<b>Item</b>	<b>\$</b>
<b>Income</b>	336.00
<b>Expenses</b>	
Car insurance	100.00
Gas	60.00
Going out	80.00
Clothes, CDs	75.00
<b>Surplus (Deficit)</b>	21.00

## VISUAL 12.3 ▲ Answers to Activity 12.1

### Budget Table

The table below shows Ang Lee's estimated expenses. He will earn an estimated monthly income of \$336. Using the procedure in the example, complete the table. Use the information in columns 4 and 5 to construct a circle graph (pie chart) in Activity 12.2.

#### Example: car insurance

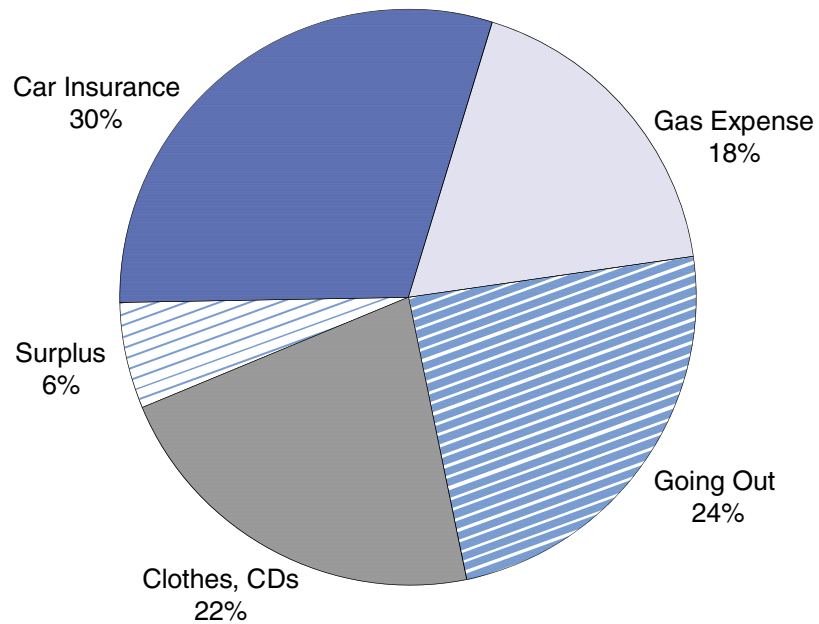
- Column 3: To calculate the portion of income spent for car insurance, divide \$100 (figure in column 2) by \$336. (Round to two decimal places.)
- Column 4: To convert .30 from a decimal to a percent, multiply by 100.
- Column 5: To calculate the portion of a circle (degrees) represented by the car insurance expense, multiply .30 (figure in column 3) by 360. Round to the nearest whole number.

<b>1</b> <b>Item</b>	<b>2</b> <b>\$ Amount</b>	<b>3</b> <b><u>\$ Amount</u></b> <b>336</b>	<b>4</b> <b>%</b>	<b>5</b> <b>Degrees</b>
Car insurance	100.00	.30	30%	108°
Gas	60.00	.18	18%	65°
Going out	80.00	.24	24%	86°
Clothes, CDs	75.00	.22	22%	79°
Surplus	21.00	.06	6%	22°

**VISUAL 12.4** ▲ Answers to Activity 12.2

**Budget Circle**

**Ang Lee's Estimated Expenses**



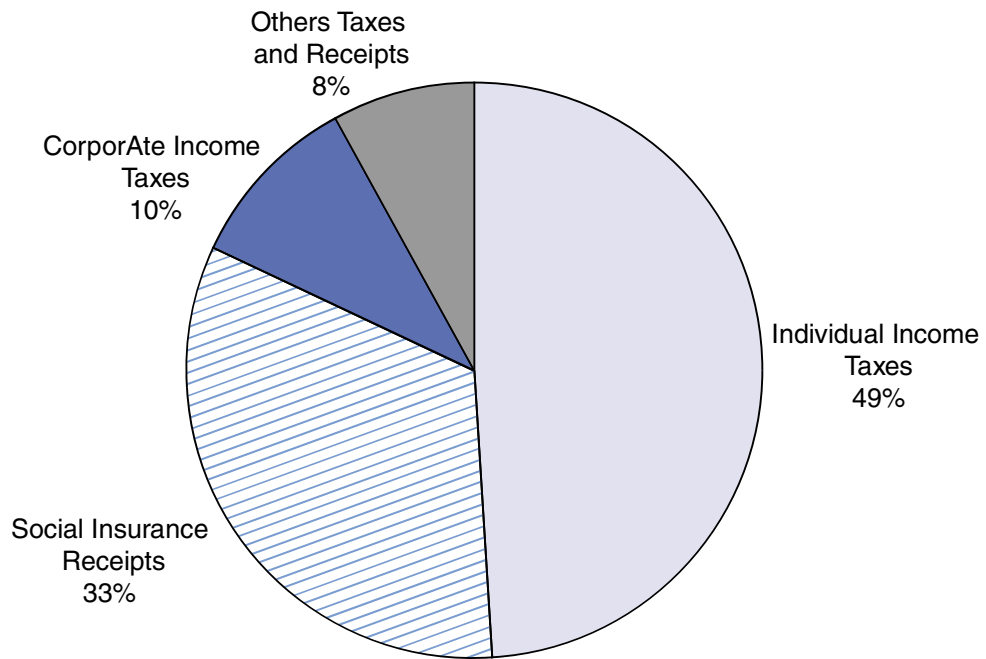
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## VISUAL 12.5 ▲ Ang's Angst

Item	\$
<b>Income</b>	336.00
Federal income taxes	50.40
State income taxes	20.16
FICA	25.70
<b>Take-Home Pay</b>	239.74
<b>Expenses</b>	
Car Insurance	100.00
Gas	60.00
Going Out	80.00
Clothes, CDs	75.00
<b>Surplus (Deficit)</b>	(75.26)

## VISUAL 12.6 ▲ Answers to Activity 12.4

### ☆☆☆ The Federal Budget 2002: Part I ☆☆☆ \$\$\$ Sources of Revenue \$\$\$



Source: Office of Management and Budget, July 2001.

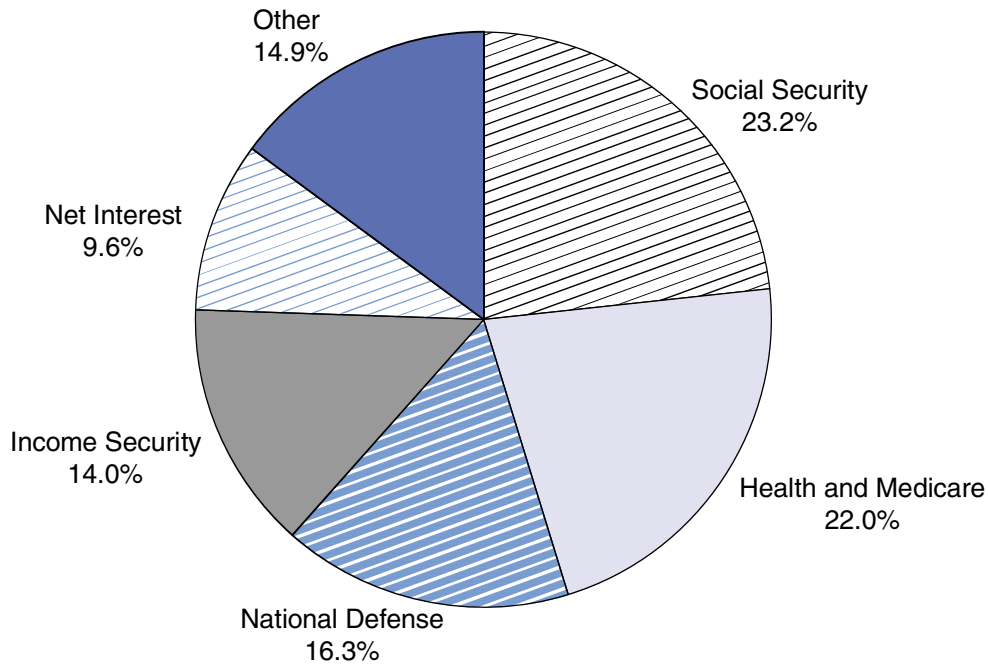
Early in the George W. Bush administration, the Office of Management and Budget (OMB) estimated a federal budget for 2002. The projected revenue was \$2.192 trillion.

1. Write the full number in standard form for \$2.192 trillion. (\$2,192,000,000,000)
2. Determine the dollar amount for the following.
  - a. Individual income taxes (\$1.074 trillion)
  - b. Social insurance receipts (\$723.36 billion)
  - c. Corporate income taxes (\$219.2 billion)
  - d. Other taxes and receipts (\$175.36 billion)

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## VISUAL 12.7 ▲ Answers to Activity 12.5

### ☆☆☆ The Federal Budget 2002: Part II ☆☆☆ \$\$\$ Federal Spending \$\$\$



In July 2001, the OMB also estimated the federal government's spending for 2002. The budget indicated that federal spending would be \$1.961 trillion.

How much would the federal government spend on the following?

1. Social Security (\$455.0 billion)
2. Medicare and health (\$431.4 billion)
3. National defense (\$319.6 billion)
4. Income security (\$274.5 billion)
5. Net interest (\$188.3 billion)
6. Other spending (\$292.2 billion)

In 2002, the Bush administration projects a *surplus* *deficit* (circle one) that amounts to \$ (\$231 billion).