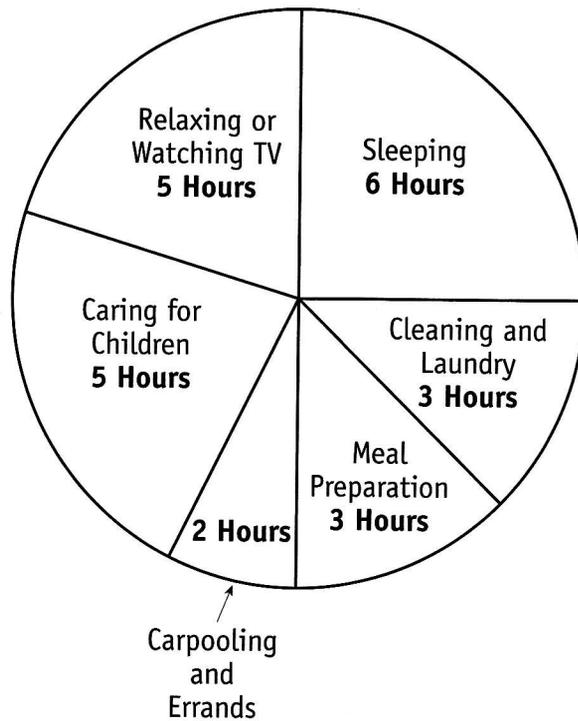


## Mixed Review

Choose the correct answers for the following problems.



Problems 1–4 refer to the graph below.



- WN** 1. Hannah drew this graph to show how she spends her day. How many hours per day does Hannah watch television?
- a. 1    b. 2    c. 4    d. 5    e. not enough information given
- F** 2. Hannah feels she needs more sleep at night. If she were able to cut her cleaning and laundry time by  $\frac{1}{3}$ , how many total hours could she then spend sleeping?
- a. 1    b. 6    c.  $6\frac{1}{3}$     d. 7    e. 8
- F** 3. What fraction of her day does Hannah spend preparing meals?
- a.  $\frac{3}{1}$     b.  $\frac{1}{3}$     c.  $\frac{1}{4}$     d.  $\frac{1}{6}$     e.  $\frac{1}{8}$
- P** 4. What percent of her day does Hannah spend sleeping?
- a. 6    b. 12    c. 20    d. 24    e. 25

- WN** 5. Floyd planned to make a ceramic decoration for each member of his family. Each decoration takes 1 hour to design, 2 hours to mold, and 1 hour to glaze. What more do you need to know to find out how long it will take Floyd to make all the decorations?
- the size of each decoration
  - the amount Floyd will spend on materials
  - the total hours that each decoration takes to make
  - the number of people in Floyd's family
  - the number of decorations Floyd can make in a day

**Problems 6–8 refer to the following information.**

While shopping, Jim saw this sign. He ordered 2 pounds of coleslaw,  $1\frac{1}{2}$  pounds of roast beef, 3 pounds of bologna, and 1 pound of American cheese. He then went to the produce section, where he chose some carrots, greens, and tomatoes. On his way to the checkout, Jim also chose a vegetable peeler for \$3.20. He paid for all purchases with a \$50.00 bill.

TODAY'S SPECIALS	
Roast Beef	\$4.98/lb
American Cheese	\$2.28/lb
Bologna	\$2.99/lb
Turkey Breast	\$3.99/lb
Potato Salad	\$2.10/lb
Cole Slaw	\$1.90/lb

- D** 6. Jim's total purchases, including tax, came to \$47.12. How much change should he receive?
-  a. \$1.10    b. \$2.88    c. \$31.90    d. \$97.12    e. not enough information given
- F** 7. In addition to receiving the special price on American cheese, Jim had a \$0.20-off coupon for this item. Which expression shows what he would pay for the cheese?
- $\$2.28 - \$0.20$
  - $\frac{1}{4}(\$2.28) - \$0.20$
  - $\frac{1}{4}(\$2.28 + \$0.20)$
  - $4(\$2.28 - \$0.20)$
  - $\$2.28 + \frac{1}{4}(\$0.20)$
- P** 8. The vegetable peeler was subject to a 5% tax. What was the price of the peeler including tax?
- \$0.16
  - \$3.20
  - \$3.36
  - \$4.20
  - not enough information given