

Name: _____

Word Problems for Foods on Television

1. Of all the times you saw food, how many were fruits? (write as a fraction)
2. Write that fraction as a decimal.
3. Of all the times you saw food, how many were vegetables? (write as a fraction)
4. Write that fraction as a decimal.
5. Of all the times you saw food, how many were for fruits AND vegetables? (show addition)
6. Write that fraction as a decimal.
7. If you watch 4 hours of television every day and 15 minutes of every hour is taken up by commercials, how many hours of commercials do you watch?
8. What fraction of an hour do the commercials represent?
9. Draw a pie graph to show the amount of time for commercials in one hour.

10. James watched television for 5 hours one Sunday. He saw 75 commercials during that time. Each commercial lasted 1 minute. One fifth ($\frac{1}{5}$) of the commercials were for fast food, one third ($\frac{1}{3}$) of the commercials were for other products, and the rest were for soft drinks.

- a. How many minutes were spent watching fast food commercials?

- b. How many minutes were spent watching soft drink commercials?

- c. How many minutes were spent watching other commercials?

- d. Draw a bar graph to show the time spent watching total TV, soft drink commercials, fast food commercials, and other commercials (use a separate bar for each).

- e. If James had spent half the time watching television and half the time playing outside, how many minutes of commercials would he have seen?

- f. If half of the commercials he had seen in that time were for fruits and vegetables, how many minutes of commercials for fruits and vegetables would he have seen?