



#### 4<sup>th</sup> Grade Problem-Solving

1. Four out of seven people surveyed prefer Wonderlicious bubble gum. Using the results of this survey, how many students would you expect prefer Wonderlicious in a class of 28 children?
2. To make two dozen cookies, you need  $\frac{2}{3}$  cup sugar. How much sugar is needed to make 96 cookies?
3. A taxi driver charges \$1.00 for the first quarter mile and \$.50 for each quarter mile after that. What should she charge for a trip where the odometer read 475 at the beginning of the trip and 498 at the end of the trip?
4. The Holton family spends an average of \$250 per day on their 5-day vacation. They spent half of this daily average on meals. How much did they spend for meals on their 5-day vacation?
5. How many toothpicks would be required to make a "train" of toothpicks twelve "cars" long?

Solutions:

1. 16
2.  $2\frac{2}{3}$
3. \$46.50
4. \$625.00
5. 37