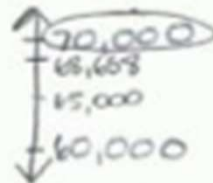


Rounding Worksheets

1. Solve the following problems using pictures, numbers, and words.

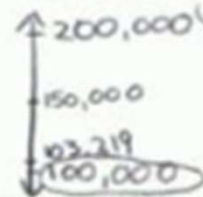
- a. The 2012 Super Bowl had an attendance of just 68,658 people. If the headline in the newspaper the next day read "About 70,000 People Attend Super Bowl," how did the newspaper round to estimate the total number of people in attendance?

The newspaper rounded to the nearest ten thousand to estimate the total number of people in attendance.



- b. The 2011 Super Bowl had an attendance of 103,219 fans. If the headline in the newspaper the next day read "About 200,000 People Attend Super Bowl," is the newspaper's estimate reasonable? Use rounding to explain your answer.

The newspaper's estimate is not reasonable because 103,219 does not round to 200,000. 103,219 rounds to 100,000 when rounding to the nearest hundred thousand.



- c. According to the problems above, about how many more people attended the Super Bowl in 2011 than in 2012? Round each number to the largest place value before giving the estimated answer.

$$2012) \quad 68,658 \approx 70,000$$

$$(2011) \quad 103,219 \approx 100,000$$

$$\begin{array}{r} 100,000 \quad \text{100 thousand} \\ - 70,000 \quad \rightarrow \quad 70 \text{ thousand} \\ \hline 30,000 \quad \quad \quad 30 \text{ thousand} \end{array}$$

About 30,000 more people attended the Super Bowl in 2011 than in 2012.