

Rounding Worksheets

1. A pilot wanted to know about how many kilometers he flew on his last 3 flights. From NYC to London he flew 5,572 km. Then, from London to Beijing he flew 8,147 km. Finally, he flew 10,996 km from Beijing back to NYC. Round each number to the nearest thousand, then find the sum of the rounded numbers to estimate about how many kilometers the pilot flew.

2. Mrs. Smith's class is learning about healthy eating habits. The students learned that the average child should consume about 12,000 calories each week. Kerry consumed 12,748 calories last week. Tyler consumed 11,702 calories last week. Round to the nearest thousand to find who consumed closer to the recommended number of calories? Use pictures, numbers, and words to explain.

3. The cost of tuition at Cornell University is \$43,000 per year when rounded to the nearest thousand. What is the greatest possible amount the tuition could be? What is the least possible amount the tuition could be?

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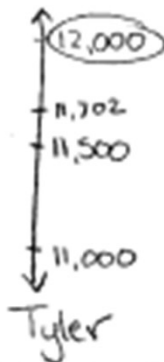
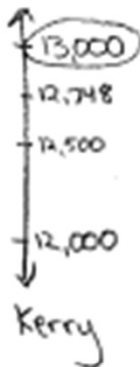
Rounding Worksheets

1. A pilot wanted to know about how many kilometers he flew on his last 3 flights. From NYC to London he flew 5,572km. Then from London to Beijing he flew 8,147km. Finally he flew 10,996km from Beijing back to NYC. Round each number to the nearest thousand, then find the sum of the rounded numbers to estimate about how many kilometers the pilot flew.

$$\begin{array}{r}
 5,572 \approx 6,000 \\
 8,147 \approx 8,000 \\
 10,996 \approx 11,000
 \end{array}
 \qquad
 \begin{array}{r}
 6,000 \\
 8,000 \\
 + 11,000 \\
 \hline
 25,000
 \end{array}$$

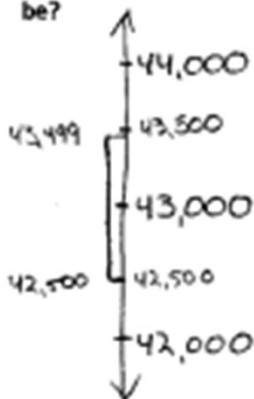
The pilot flew about 25,000 miles.

2. Mrs. Smith's class is learning about healthy eating habits. The students learned that the average child should consume about 12,000 calories each week. Kerry ate 12,748 calories last week. Tyler ate 11,702 calories last week. Round to the nearest thousand to find who ate closer to the recommended number of calories? Use pictures, numbers, and words to explain.



Tyler ate closer to the recommended number of calories. When rounding to the nearest thousand, Kerry ate closer to 13,000 calories while Tyler ate closer to 12,000.

3. The cost of tuition at Cornell University is \$43,000 per year when rounded to the nearest thousand. What is the greatest possible amount the tuition could be? What is the least possible amount the tuition could be?



The least amount the tuition could be is \$42,500. The greatest possible amount the tuition could be is \$43,499.