The table below gives the price per ounce of each of the 16 sunscreens rated as giving excellent protection by *Consumer* Reports.

a.   **Find the median and quartiles of the distribution. Explain what the median and quartiles tell you about the distribution.**

Median = <u>1.15</u>   **Explanation:** <u>50% of sunscreen is less</u>

<u>$1.15 / ounce, while 50% is more</u>

Q1= <u>.9</u>   **Explanation:** <u>25% of sunscreen is less</u>

<u>Than $.90 / ounce, while 75% is more</u>

Q3= <u>2.1</u>   **Explanation:** <u>75% of sunscreen is less</u>

<u>Than $2.10 / ounce, while 25% is more</u>

b.   **Which sunscreen is at about the 70th percentile in price per ounce?**
   <u>The $1.59 sunscreen is at about the 70th percentile</u>