

Name _____

Date _____

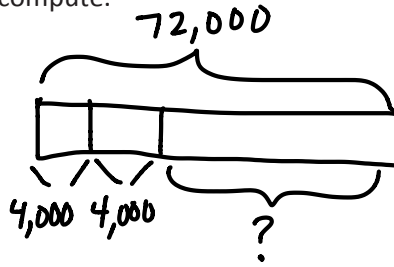
Quarterback Brett Favre passed for 71,838 yards between the years 1991 and 2011. His all-time high was 4,413 passing yards in one year. In his second highest year, he threw 4,212 passing yards.

1. About how many passing yards did he throw in the remaining years? Estimate by rounding each value to the nearest thousand and then compute.

$$71,838 \approx 72,000$$

$$4,413 \approx 4,000$$

$$4,212 \approx 4,000$$

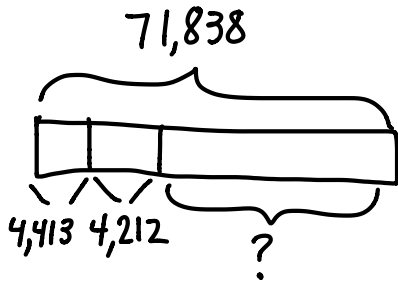


$$4,000 + 4,000 = 8,000$$

$$\begin{array}{r} 6 \text{ } 12 \\ \cancel{72,000} \\ - 8,000 \\ \hline 64,000 \end{array}$$

About 64,000 yards.

2. Exactly how many passing yards did he throw in the remaining years?



$$\begin{array}{r} 4,413 \\ + 4,212 \\ \hline 8,625 \end{array}$$

$$\begin{array}{r} 6 \text{ } 11 \\ \cancel{71,838} \\ - 4,625 \\ \hline 67,213 \end{array}$$

He threw 67,213 yards.

3. Assess the reasonableness of your answer in (b). Use your estimate from (a) to explain.

2.

1.

My exact answer is close to the estimate, so my answer is reasonable.