



FIND THE BATTING AVERAGE

Directions: Add up the batting totals for the baseball team to find each player's batting average.

Example: Todd went 2-for-4 at Saturday's game. That means he came up to bat four times and got two hits. He went 1-for-3 on Sunday. Separate his total hits from his total at-bats, then add.

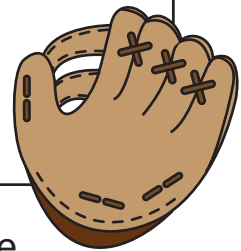
$$\begin{array}{r} \text{Hits} \quad (2 + 1) = 3 \\ \hline \text{At-Bats} \quad (4 + 3) = 7 \end{array}$$

To find Todd's average, divide his total times at bat by his total number of hits:

$$3 \div 7 = 0.4285$$

Round to three decimal places, and you've got his average:

$$0.429 \quad (\text{In baseball, you say "four twenty-nine."})$$



Now, use the example to find the batting average for some of Todd's teammates. Remember to show your work!

1. On Saturday, Johnny came up five times and got one hit. On Sunday, he came up four times and got two hits.

$$\begin{array}{r} \text{Hits} \quad (1 + 2) = 3 \\ \hline \text{At-Bats} \quad (5 + 4) = 9 \end{array} \rightarrow 3 \div 9 = 0.3333 \rightarrow 0.333$$

2. Darnell was 2-for-5 on Saturday and 3-for-4 on Sunday.

$$\begin{array}{r} \text{Hits} \quad (2 + 3) = 5 \\ \hline \text{At-Bats} \quad (5 + 4) = 9 \end{array} \rightarrow 5 \div 9 = 0.5556 \rightarrow 0.556$$

3. Brandon got three base hits this weekend. In each game, he came to bat four times.

$$\begin{array}{r} \text{Hits} \quad (3) = 3 \\ \hline \text{At-Bats} \quad (4 + 4) = 8 \end{array} \rightarrow 3 \div 8 = 0.375 \rightarrow 0.375$$

