



## CALCULATING BATTING AVERAGE

**Batting average** is a number that shows how many of a player's at-bats result in a base hit.

Calculating batting average is easy! Divide a player's **base hits** by his number of **at-bats**.

### Example:

Jimmy had **20** at-bats and **6** base hits:

$$6 \div 20 = 0.3$$

That means Jimmy got a hit **30 percent** of the time, but batting average is expressed in decimals. To write Jimmy's batting average, convert the percentage to a decimal to the thousandth place.

Remember: don't write a 0 before the decimal point!

$$30\% = .300$$

Talking about averages is a different story! To say it out loud, say "three hundred". An average of .275 is "two seventy-five", and a .238 is "two thirty-eight", and so on.

Express the percentages below as written and spoken batting averages!

**50 percent**

Written: \_\_\_\_\_

Spoken: \_\_\_\_\_

**29 percent**

Written: \_\_\_\_\_

Spoken: \_\_\_\_\_

**35 percent**

Written: \_\_\_\_\_

Spoken: \_\_\_\_\_

**45 percent**

Written: \_\_\_\_\_

Spoken: \_\_\_\_\_





## CALCULATING BATTING AVERAGE

Sometimes the decimal you calculate will go far beyond the thousandths place! Make sure to round it up or down.

0.256146      0.256      .256 or "Two fifty-six"



**Calculate** the batting averages of these players.

1. Carlos had 7 base hits in 19 at-bats.
2. Jeff had 8 base hits in 24 at-bats.
3. Michael had 5 base hits in 20 at-bats.
4. Andrew had 10 base hits in 23 at-bats.
5. Rafael had 9 base hits in 21 at-bats.
6. Paul had 13 base hits in 30 at-bats.

