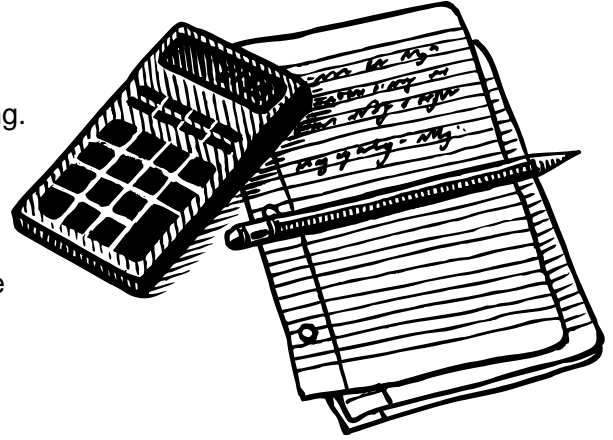


# To accurately calculate readability with the Gunning-FOG formula...

## What numbers do I use?

1. Take a segment of text at least 100 words long.
2. Divide the number of words by the number of sentences.
3. Count the number of words with at least three syllables.
4. Divide the number of words with at least three syllables by the total number of words.
5. Multiply the number from step 4 by 100 and add to the number from step 2.
6. Multiply the number from step 5 by 0.4.



$$\text{Grade level} = 0.4 \left( \left( \frac{\text{number of words}}{\text{number of sentences}} \right) + 100 \left( \frac{\text{number of words with at least 3 syllables}}{\text{number of words}} \right) \right)$$

## Does Gunning-FOG have some special rules?

- “Sentences” end with a [.] , [?] , [!] , not a [:] , [;] , or [,].
- Do not count proper nouns or hyphenated compound words.
- Count the number of syllables in each word by reading the word aloud.
- Count abbreviations as their original whole word.
- Count lists as one sentence each if items are separated by commas or semicolons. Lists with full sentences (like this one) count for as many sentences as are in the list.

## Can I see an example?

*Babies born to women who are covered by one of Iowa's health care programs are covered through the month of their first birthday, provided the baby continues to live with the mother and reside in the state of Iowa.*

- Grade 19.41, according to Gunning-FOG Index

*Are you pregnant? Do you get health coverage from an Iowa program? If you do, your baby will also be covered. Coverage will last until the end of the month of your baby's first birthday. The baby must live with you in Iowa.*

- Grade 7.16, according to Gunning-FOG Index