SMOG BY HAND
Long Method

Directions

1. Count 10 consecutive sentences near the beginning of the text to be assessed, 10 in the middle and 10 near the end. (See the note in step 3 if your sample is less than 30 sentences).

2. In the 30 selected sentences count every word of three or more syllables, even if the same word appears more than once.

3. Multiply the number of words with three or more syllables by the sum of 30 / number of sentences.

   [NOTE: If you have a sample of 30 sentences (30/30 = 1), multiply the number of words with three or more syllables by 1. If you have a sample of 10 sentences (30/10 = 3), multiply the number of words with three or more syllables by 3. If you have a sample of 5 sentences (30/5 = 6), multiply the number of words with three or more syllables by 6.]

4. Determine the square root of that sum.

5. Multiply the square root by 1.0430.

6. Add 3.1291 to that sum.

7. Number represents “reading grade level.”