cellular and mobile communications

**gsm**

# gsm quiz

Read and answer the following questions.

1. What are the three primary regions? (choose all that may apply)
   * Europe and Africa
   * Asia
   * The Americas
   * Russia
2. Which of the following is true about the frequency control channel(FCCH)?
   * It transmits all ones(1)
   * It helps control timing
   * It transmits all zeros(0)
   * It makes a choppy tone when demodulated
3. Combinations are broken down into “physical channels.”
   * True
   * False
4. How much voice data do we typically tend to lose?
   * 5%
   * 10%
   * 12%
   * 15%
5. SMS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. If data is too big to transmit it will …
   * Become segmented and sent separately
   * Become interlocked
   * Request for smaller data
   * Become interleaved
7. How many bits are in a burst?
   * 32
   * 64
   * 128
   * 256
8. What are the units of cellular RF divided into? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. SMS sends text over unused bandwidth.
   * True
   * False
10. How many “full rate” calls can be handled over 8 physical channels?
    * 8
    * 6
    * 5
    * 4