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