Student Worksheet 5

Name:_____ Date:_____

What Do You Know About Drugs and Your Body?

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True or False:

1. The teen brain is "wired" to take risks.
   Ⓐ True Ⓑ False
2. In the teen brain, the prefrontal cortex is important as a control center for thinking ahead and sizing up risks and rewards.
   Ⓐ True Ⓑ False
3. A teen's limbic system develops earlier than the prefrontal cortex.
   Ⓐ True Ⓑ False
4. A teen's brain development is complete by the age of fourteen.
   Ⓐ True Ⓑ False
5. Learning how to pause in critical situations is an important part of decision making.
   Ⓐ True Ⓑ False

Multiple Choice:

6. The space separating two brain cells is called:
   Ⓐ a protein Ⓑ a synapse Ⓒ a lock
7. Once inside the brain, drugs of abuse can "fool" the brain because they appear similar in shape and size to:
   Ⓐ neurons Ⓑ synapses Ⓒ neurotransmitters
8. What is the brain's memory center?
   Ⓐ hippocampus Ⓑ hypothalamus Ⓒ cerebral cortex
9. What brain region is responsible for emotional reactions, especially involving pleasure or excitement?
   Ⓐ brain stem Ⓑ prefrontal cortex Ⓒ limbic system

Fill in the Blanks:

10. The brain has a _____ in which different structures talk with each other by way of electrochemical impulses and chemical messengers, called _____.
11. When teens make choices in emotionally charged situations, those choices often have more to do with _____ than with _____.
12. Drugs are _____. They work in the brain by _____ with the way nerve cells normally send, receive, and process information.
13. The impact of _____ can be far-reaching. Some of the effects occur when drugs are used at high doses or after prolonged use, however some may occur _____.