10-3-2017

2.2 Screams Worksheet

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Video – Screams

A. Listen to the Health Report and take notes below.
Use your notes to answer questions B and C below.

**B. Mark below statements as true or false. If they are true, write T. If they are false, write F and correct the answer.**

1. ______ When people hear a scream they usually respond slowly.
2. ______ Why are screams so useless in warning us of danger?
3. ______ David Poeppel is a neuroscientist at New York University.
4. ______ David Poeppel and his colleagues recorded screams from movies and from volunteers.
5. ______ The scientists observed how quickly the sounds in the scream change in volume.
6. ______ Sounds are described in terms of their frequency.
7. ______ Frequency is helped in hertz (Hz).
8. ______ Screams, it turns out, are a direct link to the part of our brain that tells us if we should be afraid, or not.

**C. Choose the best answer for each sentence from the multiple choices below.**

1. People of all cultures and languages hear the same thing in a scream: __________.
   a. noise
   b. fear
   c. loud
   d. afraid

2. David Poeppel wondered why ____________ are recognized in the same way by people all around the world.
a. voices
b. loud
c. screams
d. shouts

3. Dr. Poepple and his colleagues found that screams and other kinds of sounds are ____________.
   a. different
   b. same
   c. louder
   d. quieter

4. Normal speech changes in volume at a low rate – about ____________ Hertz or cycles per second.
   a. 4 to 5
   b. 14 to 15
   c. 14 to 50
   d. 15 to 50

5. Screams, however, change in volume very quickly and very widely, from ____________ Hertz.
   a. 3 to 100
   b. 13 to 150
   c. 30 to 100
   d. 30 to 150
6. When the volume of a sound changes that quickly, it has a ______________ called “roughness.”
   a. level
   b. data
   c. characteristic
   d. sound

7. The more “roughness” a sound has, the more ______________ it is.
   a. worrying
   b. happy
   c. sad
   d. loud

*Listen to the Health Report again to check your answers.*