

**LAB--HAND LENSES, THE SANDMAN, AND CELL SLIDES**

1. If your leg muscles need energy to help you run, does your body actually take food to your legs? \_\_\_\_\_
2. If your eyelid muscles need energy to wink, does your body have a way of getting food to your eyelids? How? (2 points) \_\_\_\_\_
3. What are the tiniest living parts of the heart? \_\_\_\_\_
4. What are the tiniest living parts of skin? \_\_\_\_\_
5. What are the tiniest living parts of blood? \_\_\_\_\_
6. Are all parts of bodies made of cells? What about brains, hearts, stomachs, bones, and fluids in your body like blood? \_\_\_\_\_
7. How could you tell if they were? \_\_\_\_\_
8. What two parts of the human body are not made of cells? (2pts)  
\_\_\_\_\_
9. (After making the sandman) What do the grains of sand represent in your organism?  
\_\_\_\_\_
10. How is your sand organism different from the real thing?  
\_\_\_\_\_

**11. Circle the explanation you like best::**

Does the food you eat go to your stomach, get used somehow in your stomach, and then go straight out through the other end?

OR

Does the food you eat perhaps just get changed somehow in your stomach, and then move to your cells to be used in your cells?

12. According to the reading what are the two reasons we eat? (2pts)

1 \_\_\_\_\_

2 \_\_\_\_\_

13. Where does your body need fuel for energy?  
\_\_\_\_\_

14. Where does your body need raw materials for building new muscles, skin, blood, as you grow? \_\_\_\_\_

(4pts)			
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15. Why are the cells in the microscopes not all the same shape?  
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