

Name _____

Go to <http://kitses.com/animation/swfs/digestion.swf> and pick the baked beans for the body to eat. Next, fill in the blanks of this worksheet.

Baked Beans contain the following nutrients:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Click to enlarge the mouth.

7. _____ smash the baked beans into mush.

Click on 'OK'

8. _____ is produced. This contains an enzyme, which starts braking down the starch particles in the baked beans.

Click on 'OK'

9. _____ in the saliva helps the broken down mush slip down the gullet.

Click on 'OK'

Click on 'Continue'

Zoom in on stomach.

10. The stomachs _____ are mixed with the food.

Click on 'OK'

11. _____ in the stomach's digestive juices start to break down protein particles in the mush.

Click on 'OK'

12. The muscle at the end of the stomach _____ to let food through to the duodenum.

Click on 'OK'

Click on 'Continue'

Zoom in on Duodenum

13. Enzymes in the duodenum complete the break down of protein particles and starch into _____ particles.

Click on 'OK'

14. _____ particles are broken down in two stages.

15. First, bile disperses the large fat particles into _____.

Click on 'OK'

16. Then, _____ break down the fat particles further.

Click on 'OK'

Click on 'Continue'

Zoom in on Ileum

17. In the ileum, sugars, proteins and fats are in particles small enough to be absorbed. Together with vitamins and minerals, they are absorbed in the blood stream by finger-like extensions called _____.

Click on 'OK'

18. What's left behind is undigested waste, largely made up of roughage and _____.

Click on 'OK'

Click on 'Continue'

Zoom in on Colon

19. A liquid of undigested waste arrives in the _____.

Click on 'OK'

20. As it travels through the colon toward the rectum, most of the _____ is absorbed.

Click on 'OK'

Click on 'Continue'

Zoom in on Anus

21. What remains of the baked beans is an indigestible, _____, which is stored in the rectum.

Click on 'OK'

22. This is expelled through the _____.