

Understanding the Small Intestine

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The Digestive System: Fuel Processing Plant

Name: _____

Date: _____

Answer the following questions based on what you've learned about the small intestine and its function.

1. What are villi?

- A. Large structures in the stomach
- B. Tiny finger-like projections in the small intestine
- C. Cells that help with digestion

2. Why might God design the small intestine with such a complex structure?

3. The small intestine is approximately ____ feet long.

4. Villi increase the surface area for nutrient absorption in the small intestine.

- True False

5. How do villi help us process the food we eat?

- A. By breaking down food
- B. By increasing the surface area for nutrient transfer
- C. By storing nutrients

6. How does God's design help us process nutrients?

7. Each villus contains ____ for direct nutrient transport.

8. The surface area of the small intestine is not important for nutrient absorption.

- True False

9. What does Psalm 139:14 say about our creation?

- A. We are made by chance
- B. We are fearfully and wonderfully made
- C. We are perfect without flaws

10. What is one way you can visualize the surface area of the small intestine?

Answer Key

1. Tiny finger-like projections in the small intestine 2. God designed the small intestine complexly to maximize nutrient absorption and ensure our bodies get the right fuel from food. 3. 20 4. True 5. By increasing the surface area for nutrient transfer 6. God's design with villi allows for maximum nutrient absorption, ensuring that our bodies receive the necessary vitamins and minerals from the food we eat. 7. blood vessels 8. False 9. We are fearfully and wonderfully made 10. One way to visualize it is by folding a piece of paper to represent how the villi increase the area for absorption.