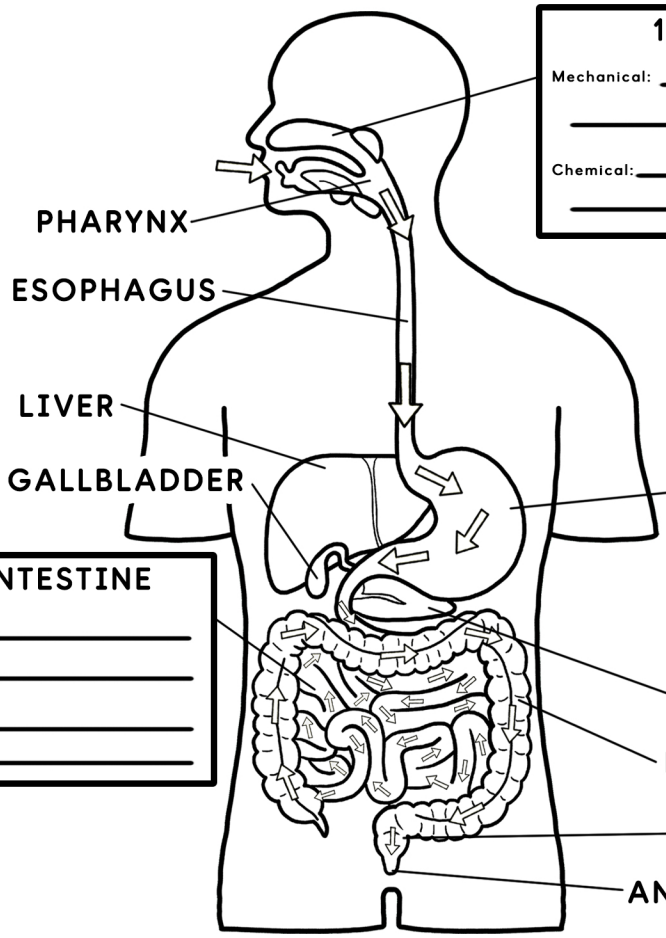
SUPERSTAR WORKSHEETS

Chemical vs. Mechanical Digestion Quiz

Name:

Date:

Write the mechanical and chemical digestion that happens at each location. Then write M for mechanical digestion or C for chemical digestion.



1. MOUTH

Mechanical: _____

Chemical: _____

2. STOMACH

Mechanical: _____

Chemical: _____

3. SMALL INTESTINE

Mechanical: _____

Chemical: _____

STATEMENT	M or C	STATEMENT	M or C
4. Teeth grind food into smaller pieces.		9. Lipase breaks down fats.	
5. Amylase breaks starch into sugars.		10. Hydrochloric acid helps break down food in the stomach.	
6. Stomach muscles churn food.		11. The tongue mixes food with saliva.	
7. Pepsin breaks down proteins.		12. Pancreatic juice breaks down carbohydrates, proteins, and fats.	
8. Bile breaks fat into tiny droplets.		13. Chewed food is pressed into a soft bolus.	

14. Peristalsis pushes food through the esophagus. Is this mechanical digestion, chemical digestion, or neither? Explain.

_____

_____

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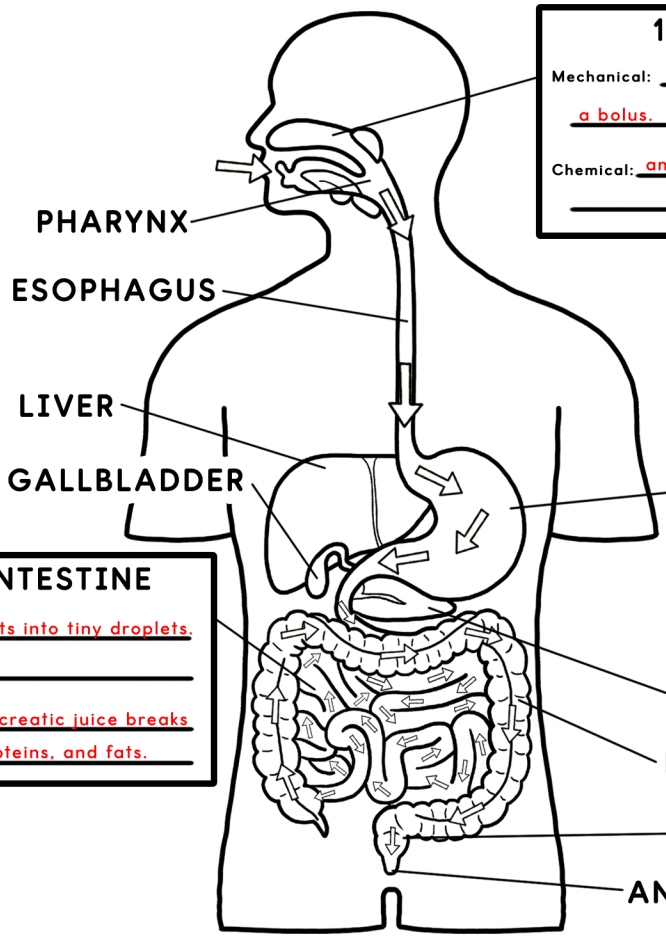
SUPERSTAR WORKSHEETS

Chemical vs. Mechanical Digestion Quiz

Name:

Date:

Write the mechanical and chemical digestion that happens at each location. Then write M for mechanical digestion or C for chemical digestion.



1. MOUTH

Mechanical: teeth chew food and the tongue mixes it into a bolus.

Chemical: amylase in saliva breaks down starches.

2. STOMACH

Mechanical: stomach muscles churn food into chyme.

Chemical: hydrochloric acid and pepsin break down proteins.

3. SMALL INTESTINE

Mechanical: bile breaks fats into tiny droplets.

Chemical: enzymes in pancreatic juice breaks down carbohydrates, proteins, and fats.

STATEMENT	M or C	STATEMENT	M or C
4. Teeth grind food into smaller pieces.	M	9. Lipase breaks down fats.	C
5. Amylase breaks starch into sugars.	C	10. Hydrochloric acid helps break down food in the stomach.	C
6. Stomach muscles churn food.	M	11. The tongue mixes food with saliva.	M
7. Pepsin breaks down proteins.	C	12. Pancreatic juice breaks down carbohydrates, proteins, and fats.	C
8. Bile breaks fat into tiny droplets.	M	13. Chewed food is pressed into a soft bolus.	M

14. Peristalsis pushes food through the esophagus. Is this mechanical digestion, chemical digestion, or neither? Explain.

Neither. Peristalsis moves food through the digestive tract, but it does not break the food down.

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