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3.MD.B.3 Making Pictographs

3.MD.B.3: Draw a scaled picture graph and a scaled bar graph to represent a data set.

Use tally tables to complete each pictograph. Then answer the questions related to it.

A.

Number of Cookies Baked	
Name	Tally
Joshua	卌 III
Gabriel	卌 卌
John	IIII

Number of Cookies Baked					
Joshua	🍪				
Gabriel					
John					
Key: Each 🍪 = 2 cookies					

1. The tally table above shows the number of cookies each child baked yesterday. Draw a cookie for every 2 cookies. _____

2. Who baked the most number of cookies yesterday? _____

3. How many cookies were baked in all? _____

4. How many more cookies did Gabriel bake than John? _____

B.

Favorite Food	
Food	Tally
Shrimp	IIII IIII IIII
Sushi	IIII
Pasta	IIII IIII IIII IIII

Favorite Food				
Shrimp	🔺			
Sushi				
Pasta				
Key: Each 🔺 = 4 votes				

1. The tally table above shows the favorite food of third graders. Draw a triangle for every 4 votes.

2. How many students voted shrimp? _____

3. How many more students voted for pasta than sushi? _____

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Answer Key

3.MD.B.3: Draw a scaled picture graph and a scaled bar graph to represent a data set.

Use tally tables to complete each pictograph. Then answer the questions related to it.

A.

Number of Cookies Baked	
Name	Tally
Joshua	卌IIII
Gabriel	卌 卌
John	IIII

Number of Cookies Baked					
Joshua	🍪	🍪	🍪	🍪	
Gabriel	🍪	🍪	🍪	🍪	🍪
John	🍪	🍪			
Key: Each 🍪 = 2 cookies					

1. The tally table above shows the number of cookies each child baked yesterday. Draw a cookie for every 2 cookies.

2. Who baked the most number of cookies yesterday?   Gabriel

3. How many cookies were baked in all?   22

4. How many more cookies did Gabriel bake than John?   6

B.

Favorite Food	
Food	Tally
Shrimp	IIII IIII IIII
Sushi	IIII
Pasta	IIII IIII IIII IIII

Favorite Food				
Shrimp	▲	▲	▲	
Sushi	▲			
Pasta	▲	▲	▲	▲
Key: Each ▲ = 4 votes				

1. The tally table above shows the favorite food of third graders. Draw a triangle for every 4 votes.

2. How many students voted shrimp?   12

3. How many more students voted for pasta than sushi?   12