

Name _____

Tell if the survey question or observation is good.

Explain your reasoning.

3. Would you rather eat a boring apple or a pineapple?
(Boring Apple, Pineapple)

- ✓ 4. Observe three turtles and record the number of seconds it takes them to each walk 2 feet.



Use the table for 5–6.

5. Liam recorded the results of a survey of his classmates in the table at the right. What survey question did Liam most likely ask?

\$1.25	\$1.10	\$0.70	\$0.05
\$1.01	\$0.99	\$0.87	\$0.36
\$1.42	\$0.50	\$0.10	\$1.03

- ✓ 6. How many classmates were surveyed? _____



MTR 4.1 Engage in discussions on mathematical thinking.

Write an unfair survey question and explain why it is not fair. Then correct the question so it is fair.

On Your Own

Tell if the survey question or observation is good.

Explain your reasoning.

7. How many steps is it from your desk to the door in the classroom?

8. How many students are in your class?


9. Record the number of times the letters r, s, and t are used on a page in a book.

Use the tally table at the right for 10–12.

10. Nella recorded the results of a survey in this tally table. What survey question did she most likely ask?

11. How many people were surveyed? _____

12. Nella’s survey question was, “Which two drawing tools did you use for your art project?” How many tallies would Nella record for each person she surveyed? How does that change your answer to Problem 11?

13.  **WRITE** *Math* Write a survey question that involves measuring. Provide at least three possible answers to your question.

Drawing Tool	Tally
Color Pencil	
Crayon	
Marker	
Other	

Problem Solving Real World

Use the tally table at the right for 14–17.

14. Kiko asked her classmates how many servings of fruit they had yesterday.
- There were two students who did not eat fruit yesterday.
 - Eight students who ate 1 serving of fruit.
 - The same number of students had 4 or more servings as had 0 servings.
 - There were 3 students who had 3 servings, and the same number of students had 2 servings.

Record the results in the tally table.

Servings	Tally
0	
1	
2	
3	
4 or more	

15. What was the most common number of servings? _____

16. How many classmates did she ask? _____

17.  **WRITE** *Math* Write a problem about the tally chart that has 6 as its answer.
