Collect and Organize Data

Tell if the survey question or observation is good.
Explain your reasoning.

1. Where are you going for summer vacation?
   (Florida, New York, California, Staying Home)

   Not good; I cannot answer this question if I am going somewhere not listed, _____

   such as Ohio. _____

2. Record the number of pieces of mail you get in one week.

   _____

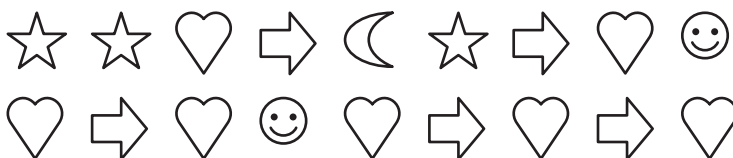   _____

Use the table at the right for 3 and 4.

Each person in Ari's group chooses three different books from the bookshelf, lays them side-by-side, and measures the length in inches. He records the data in the table.

3. What was the longest measure? _____

4. How many students measured books? _____

Length of Books	
$14\frac{1}{2}$ in.	$16\frac{3}{4}$ in.
$15\frac{1}{4}$ in.	$17\frac{1}{4}$ in.
$12\frac{1}{2}$ in.	$15\frac{3}{4}$ in.
$13\frac{3}{4}$ in.	$14\frac{1}{2}$ in.
$13\frac{1}{2}$ in.	15 in.
18 in.	$20\frac{1}{2}$ in.

Use the tally table at the right for 5–7.

5. Ohanna has the following stickers. Tally the number of each type of sticker Ohanna has.

   ☆ ☆ ♡ ⇨ ☾ ☆ ⇨ ♡ ☺
   ♡ ⇨ ♡ ☺ ♡ ⇨ ♡ ⇨ ♡

6. Which type of sticker occurs least often? _____

7. Ohanna gives 3 heart stickers to a friend. How many heart stickers

   does she have left? _____

Sticker	Tally
☆	
⇨	
♡	
☺	
☾	

Lesson Check

8. Which of the following survey questions or observations is good?

(A) Do you like cheese pizza or stinky anchovy pizza better?

(B) How many times do you blink in a minute?

(C) Record the number of movies every student in the school watched last weekend.

(D) Do you like where you sit in the classroom?

9. Carlton and his classmates each measured how far a toy car rolled during a science investigation. He records the result in the tally table. How many people conducted the science investigation?

(A) 10

(B) 19

(C) 22

(D) 37

Distance	Tally
2 m	IIIII II
2.5 m	IIIII IIIII
3 m	II
3.5 m	III

Spiral Review

10. Which symbol makes the following number sentence true?

$$(7 + 3) \times 5 \bigcirc (7 \times 7) + 1$$

(A) $=$

(B) $<$

(C) $>$

(D) $+$

11. A rectangular porch has a length of 10.75 feet and a width of 4.5 feet. What is the perimeter of the porch?

_____ feet

12. At a wedding reception, there are 25 tables. Each table has 8 party favors. How many party favors are there in all?

(A) 40

(B) 200

(C) 260

(D) 1,640

13. Which number is 200 more than the product of 6 and 3,950?

(A) 23,500

(B) 23,630

(C) 23,700

(C) 23,900