

Seeds: Size and Count

Compare objects by how big they are and how many there are.

2.5.C “measure and describe the properties of objects in terms of size and quantity;”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each fact that describes seed size. Circle each number that tells how many seeds Team Sun had, so you can find size and quantity information.

A Seed Investigation

- ① During a seed investigation, our class studied three kinds of seeds. A pumpkin seed was about 2 centimeters long. A bean seed was about 1 centimeter long. A tiny tomato seed was shorter than 1 centimeter. Size tells how big or small an object is.
- ② Each team sorted seeds into cups. Team Sun had 12 pumpkin seeds, 18 bean seeds, and 25 tomato seeds. The number of items is its quantity. Tomato seeds had the greatest quantity, even though each seed was the smallest.
- ③ To compare fairly, teams measured one seed at a time with a ruler. They counted seeds by touching each seed once. A group can have a large quantity of small objects or a small quantity of large objects.

2

ANSWER WITH EVIDENCE

Use the passage

1

List the seeds from longest to shortest.

2

Which kind of seed had the greatest quantity? How many did Team Sun have?

3

How many more tomato seeds than pumpkin seeds did Team Sun have?

3

YOUR TURN

Your own words

Choose three kinds of small objects. For each kind, measure the length of one object in centimeters. Then count a group of that object and fill in the table.

OBJECT	LENGTH OF ONE OBJECT	QUANTITY IN GROUP

PART 1 • READ AND MARK

Underline each fact that describes seed size. Circle each number that tells how many seeds Team Sun had, so you can find size and quantity information. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	List the seeds from longest to shortest.	pumpkin seed, bean seed, tomato seed
2	Which kind of seed had the greatest quantity? How many did Team Sun have?	Tomato seeds, 25 seeds.
3	How many more tomato seeds than pumpkin seeds did Team Sun have?	13 more tomato seeds.

PART 3 • YOUR TURN (SAMPLE ANSWER)

OBJECT	LENGTH OF ONE OBJECT	QUANTITY IN GROUP
crayon	9 cm	8
paper clip	3 cm	15
cube	2 cm	10

Accept reasonable measurements and counts from the student's chosen objects. Each row should include an object, a length in centimeters for one object, and a quantity for a group.