



# Year 2 Mathematics

## Collecting Data - Worksheet 49

### Tally Marks

Name: \_\_\_\_\_ Date: \_\_\_\_\_

#### Section 1: Read the Tally (Fluency)

Count the tally marks and write the number.

**Question 1:** Count the tally marks. Write the number.

||||

**Answer:** \_\_\_\_\_

**Question 2:** Count the tally marks. Write the number.

~~||||~~ ||

**Answer:** \_\_\_\_\_

**Question 3:** How many tally marks are shown?

~~||||~~ ~~||||~~ |

**Answer:** \_\_\_\_\_

**Question 4:** Count the tallies.



|||

Answer: \_\_\_\_\_

**Question 5:** How many tallies?

|||| / ||| / |||

Answer: \_\_\_\_\_

**Question 6:** Count these tally marks.

|||| / |||

Answer: \_\_\_\_\_



### Tally Titan!

*Why did the tally mark go to school? To learn to COUNT on its friends!*



## Section 2: Draw the Tally (Reasoning)

Draw tally marks to show each number.

**Question 7:** Draw tally marks to show the number 6.

**Question 8:** Draw tally marks to show the number 12.

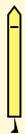
**Question 9:** Draw tally marks to show the number 3.

**Question 10:** Draw tally marks to show the number 8.

**Question 11:** Draw tally marks to show the number 10.



**Question 12:** Draw tally marks to show the number 7.



### Drawing Star!

*Why did the pencil love tally marks? Because they were LINED up perfectly!*





## Section 3: Class Survey (Challenge)

Use tally marks to record data.

**Question 13:** In a survey, 5 kids liked Blue and 3 kids liked Red. Draw the tallies for Blue and Red.

Blue:

Red:

**Question 14:** If I draw one more tally mark on |||, what number do I have?

**Answer:** \_\_\_\_\_

**Question 15:** 9 students chose Pizza. Draw tally marks for 9.

**Question 16:** How many tally marks do you need to show 11?

**Answer:** \_\_\_\_\_

**Question 17:** Complete the tally to show 13.

|||| |

**Answer:** Draw \_\_\_\_\_ more tally marks.



**Question 18:** In a survey about pets:

- 6 kids have Dogs
- 4 kids have Cats

Draw the tallies for Dogs and Cats.

**Dogs:**

**Cats:**

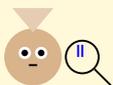
**Question 19:** True or False: Five tally marks are always crossed out.

**Circle:** TRUE FALSE

**Question 20:** How many groups of 5 are in 15?

**Answer:** \_\_\_\_\_

### Data Detective!



*Why did the detective love tallies? Because every mark was a CLUE!*



# Answer Key

## Worksheet 49: Tally Marks

### Section 1: Read the Tally

1. 4 (four individual tally marks)
2. 7 (one group of 5 plus 2 individual marks)
3. 11 (two groups of 5 plus 1 individual mark)
4. 3 (three individual tally marks)
5. 15 (three groups of 5)
6. 9 (one group of 5 plus 4 individual marks)

### Section 2: Draw the Tally

7. Draw one group of 5 (crossed) and 1 individual mark
8. Draw two groups of 5 (crossed) and 2 individual marks
9. Draw 3 individual marks
10. Draw one group of 5 (crossed) and 3 individual marks
11. Draw two groups of 5 (both crossed)
12. Draw one group of 5 (crossed) and 2 individual marks

### Section 3: Class Survey

13. Blue: one group of 5 (crossed); Red: 3 individual marks
14. 4 ( $3 + 1 = 4$ )



15. Draw one group of 5 (crossed) and 4 individual marks
16. 11 tally marks
17. Draw 3 more individual marks ( $10 + 3 = 13$ )
18. Dogs: one group of 5 + 1 mark; Cats: 4 individual marks
19. TRUE (groups of 5 are crossed with a diagonal line)
20. 3 groups (

$$15 \div 5 = 3$$





# Year 2 Mathematics

## Collecting Data - Worksheet 50

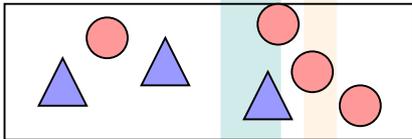
Sorting & Tables

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Section 1: Sorting Shapes (Fluency)

Count and sort the shapes.

**Question 1:** Count the Triangles. Write the number.

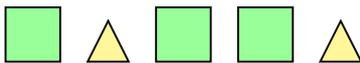


**Answer:** \_\_\_\_\_ Triangles

**Question 2:** Count the Circles from the box above. Write the number.

**Answer:** \_\_\_\_\_ Circles

**Question 3:** Look at these shapes. How many Squares?



**Answer:** \_\_\_\_\_ Squares



**Question 4:** From Question 3, how many Triangles?

**Answer:** \_\_\_\_\_ Triangles

**Question 5:** Sort by colour. How many RED shapes?

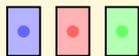


**Answer:** \_\_\_\_\_ RED shapes

**Question 6:** From Question 5, how many BLUE shapes?

**Answer:** \_\_\_\_\_ BLUE shapes

### Sorting Superstar!



*Why did the shapes go to different boxes? Because they wanted to be SORTED out!*



## Section 2: Completing a Table (Reasoning)

Use tables to organize data.

**Question 7:** Look at the table. How many Cats are there?

Animal	Number
Cat	5
Dog	2
Bird	3

**Answer:** \_\_\_\_\_ Cats

**Question 8:** Which animal has the most from the table above?

**Answer:** \_\_\_\_\_

**Question 9:** Fill in the missing number in this table:

Fruit	Number
Apple	4
Banana	_____
Orange	2

*Hint: There are 3 Bananas.*

**Question 10:** Look at this table. How many toys altogether?



Toy	Number
Ball	3
Car	2
Doll	4

Answer: \_\_\_\_\_ toys

**Question 11:** Which toy has the least from the table above?

Answer: \_\_\_\_\_

**Question 12:** Create a table to show: 4 Red apples, 2 Green apples.

Colour	Number
Red	_____
Green	_____

**Question 13:** True or False: Tables help us organize data.

Circle:            TRUE                    FALSE



### Table Master!

*Why did the table love organizing data? Because everything was in its RIGHT place!*



## Section 3: Organizing Data (Challenge)

**Organize and analyze data.**

**Question 14:** Here is a list of shoe sizes: 2, 3, 2, 4, 2. How many kids have Size 2 shoes?

**Answer:** \_\_\_\_\_ kids

**Question 15:** Create a category for 'Fruit'. List 3 things that belong in this group.

**Answer:** \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Question 16:** Sort these into TWO groups: Dog, Cat, Apple, Banana, Bird.

**Animals:** \_\_\_\_\_

**Fruits:** \_\_\_\_\_

**Question 17:** Look at this data: 5 like Swimming, 3 like Running, 2 like Dancing.

Which activity is most popular?

**Answer:** \_\_\_\_\_

**Question 18:** Make a tally table for: 3 Apples, 5 Oranges.



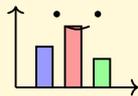
Fruit	Tally
Apple	
Orange	

**Question 19:** If you surveyed your class about favorite colours, what question would you ask?

**Answer:** \_\_\_\_\_

**Question 20:** True or False: Sorting helps us find patterns in data.

**Circle:** TRUE FALSE



### Data Champion!

*Why did the graph go to school? To get more PLOTTING practice!*



# Answer Key

## Worksheet 50: Sorting & Tables

### Section 1: Sorting Shapes

1. 3 Triangles (blue triangles in the box)
2. 4 Circles (red circles in the box)
3. 3 Squares (green squares)
4. 2 Triangles (yellow triangles)
5. 3 RED shapes
6. 2 BLUE shapes

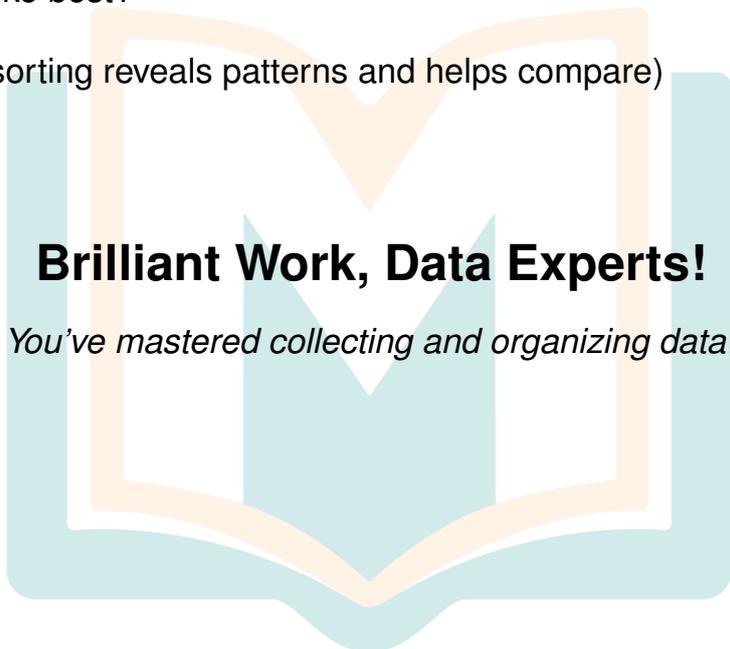
### Section 2: Completing a Table

7. 5 Cats
8. Cat (has 5, which is the most)
9. Fill in: 3 (for Banana)
10. 9 toys altogether ( $3 + 2 + 4 = 9$ )
11. Car (has only 2)
12. Red: 4, Green: 2
13. TRUE (tables organize information clearly)

### Section 3: Organizing Data



14. 3 kids (size 2 appears three times)
15. Any three fruits (e.g., Apple, Banana, Orange / Strawberry / Grape, etc.)
16. Animals: Dog, Cat, Bird; Fruits: Apple, Banana
17. Swimming (has 5, which is the most)
18. Apple: 3 tally marks; Orange: 5 tally marks (one group of 5)
19. Accept answers like: "What is your favorite colour?" or "Which colour do you like best?"
20. TRUE (sorting reveals patterns and helps compare)



**Brilliant Work, Data Experts!**

*You've mastered collecting and organizing data!*