

# Varied Fluency

## Step 1: Make Tally Charts

### National Curriculum Objectives:

Mathematics Year 2: (2S1) [Interpret and construct simple pictograms, tally charts, block diagrams and simple tables](#)

Mathematics Year 2: (2S2a) [Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity](#)

Mathematics Year 2: (2S2b) [Ask and answer questions about totalling and comparing categorical data](#)

### Differentiation:

**Developing** Questions to support constructing and interpreting tally charts using tallies up to 15 and where questions refer to totalling.

**Expected** Questions to support constructing and interpreting tally charts using tallies up to 30 and where questions refer to totalling.

**Greater Depth** Questions to support constructing and interpreting tally charts using tallies up to 30 and where questions refer to totalling, comparing, and using given data to find missing information.

More [Year 2 Statistics](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

## Make Tally Charts

1a. Match the tallies to their totals.

A. 

5

B. 

12

C. 

9

D. 

3



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## Make Tally Charts

1b. Match the tallies to their totals.

A. 

13

B. 

4

C. 

10

D. 

8



VF

2a. Complete the tally to match the totals.

| Animals | Tally | Total |
|---------|-------|-------|
| Cow     |       | 11    |
| Hen     |       | 6     |
| Pig     |       | 14    |



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2b. Complete the tally to match the totals.

| Colours | Tally | Total |
|---------|-------|-------|
| Pink    |       | 7     |
| Red     |       | 2     |
| Green   |       | 15    |



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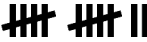
3a. Complete the totals to match the tallies.

| Pets | Tally                                                                               | Total |
|------|-------------------------------------------------------------------------------------|-------|
| Dog  |  |       |
| Cat  |  |       |
| Fish |  |       |



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3b. Complete the totals to match the tallies.

| Birds | Tally                                                                                | Total |
|-------|--------------------------------------------------------------------------------------|-------|
| Crow  |  |       |
| Robin |  |       |
| Jay   |  |       |



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4a. Beth counted traffic on her street. She saw 15 cars, 7 buses and 4 motorbikes.

| Traffic    | Tally |
|------------|-------|
| Cars       |       |
| Buses      |       |
| Motorbikes |       |

Complete the tally chart.



VF

4b. Raj counted animals at the zoo. He saw 14 monkeys, 11 lions and 6 tigers.

| Zoo Animals | Tally |
|-------------|-------|
| Monkey      |       |
| Lion        |       |
| Tiger       |       |

Complete the tally chart.



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## Make Tally Charts

5a. Match the tallies to their totals.

|                                                                                      |    |
|--------------------------------------------------------------------------------------|----|
| A.  | 21 |
| B.  | 13 |
| C.  | 7  |
| D.  | 19 |



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## Make Tally Charts

5b. Match the tallies to their totals.

|                                                                                       |    |
|---------------------------------------------------------------------------------------|----|
| A.   | 5  |
| B.  | 26 |
| C.   | 14 |
| D.  | 9  |



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6a. Complete the tally to match the totals.

| Meals | Tally | Total |
|-------|-------|-------|
| Pie   |       | 24    |
| Pizza |       | 12    |
| Curry |       | 15    |
| Wraps |       | 6     |



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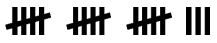
6b. Complete the tally to match the totals.

| Toys  | Tally | Total |
|-------|-------|-------|
| Doll  |       | 4     |
| Car   |       | 23    |
| Robot |       | 11    |
| Train |       | 17    |



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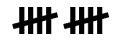
7a. Complete the totals to match the tallies and order the fruits from most to least popular.

| Fruit  | Tally                                                                               | Total |
|--------|-------------------------------------------------------------------------------------|-------|
| Apple  |  |       |
| Pear   |  |       |
| Plum   |  |       |
| Banana |  |       |



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7b. Complete the totals to match the tallies and order the sports from least to most popular.

| Sports   | Tally                                                                                | Total |
|----------|--------------------------------------------------------------------------------------|-------|
| Football |  |       |
| Tennis   |  |       |
| Rugby    |  |       |
| Hockey   |  |       |



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8a. Sam did a bug hunt in his garden. He saw 9 worms, 5 beetles, 23 ladybirds and 17 spiders.

| Bugs     | Tally | Total |
|----------|-------|-------|
| Worm     |       |       |
| Spider   |       |       |
| Beetle   |       |       |
| Ladybird |       |       |

Complete the tally chart.



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8b. Malikah did a survey of favourite cakes. 24 liked chocolate, 13 liked lemon, 6 liked coffee and 21 liked cherry.

| Cakes     | Tally | Total |
|-----------|-------|-------|
| Chocolate |       |       |
| Lemon     |       |       |
| Coffee    |       |       |
| Cherry    |       |       |

Complete the tally chart.



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## Make Tally Charts

9a. Match the tallies to their totals.  
Complete the missing tally and total.

|    |                                                                          |    |
|----|--------------------------------------------------------------------------|----|
| A. |                                                                          | 23 |
| B. |                                                                          |    |
| C. |                                                                          | 27 |
| D. | <div style="border: 1px solid black; width: 300px; height: 30px;"></div> | 30 |



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## Make Tally Charts

9b. Match the tallies to their totals.  
Complete the missing tally and total.

|    |                                                                          |    |
|----|--------------------------------------------------------------------------|----|
| A. |                                                                          | 28 |
| B. | <div style="border: 1px solid black; width: 300px; height: 30px;"></div> | 19 |
| C. |                                                                          |    |
| D. |                                                                          | 24 |



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10a. Complete the tallies and totals.  
70 children voted altogether.

| Ice-cream | Tally | Total |
|-----------|-------|-------|
| Vanilla   |       |       |
| Mint      |       | 18    |
| Chocolate |       | 22    |
| Caramel   |       | 21    |



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10b. Complete the tallies and totals.  
76 children voted altogether.

| Name | Tally | Total |
|------|-------|-------|
| Ben  |       | 16    |
| Ann  |       | 13    |
| Syd  |       | 27    |
| Kem  |       |       |



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11a. Complete the totals to match the tallies and order the totals from highest to lowest, making Winter the least popular.

| Seasons | Tally | Total |
|---------|-------|-------|
| Spring  |       |       |
| Summer  |       |       |
| Autumn  |       |       |
| Winter  |       |       |



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11b. Complete the tally chart and order the totals from highest to lowest making May the second popular month.

| Months | Tally | Total |
|--------|-------|-------|
| April  |       |       |
| May    |       |       |
| June   |       |       |
| July   |       |       |



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12a. Tom counted 77 trees in the park. He saw 16 beech, 24 ash, 26 birch trees and the rest were oak trees.



Complete the tally chart.



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12b. Uma asked 60 children their favourite sport. 21 chose swimming, 24 chose football, 12 chose cycling and the rest chose running.



Complete the tally chart.



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## Varied Fluency Make Tally Charts

### Developing

1a. **A = 9; B = 3; C = 5; D = 12**

2a.

| Animals | Tally | Total |
|---------|-------|-------|
| Cow     | I     | 11    |
| Hen     | I     | 6     |
| Pig     |       | 14    |

3a. **Dog = 8; Cat = 15; Fish = 4**

4a.

| Traffic    | Tally |
|------------|-------|
| Cars       |       |
| Buses      | II    |
| Motorbikes |       |

### Expected

5a. **A = 19; B = 21; C = 13; D = 7**

6a.

| Meals | Tally | Total |
|-------|-------|-------|
| Pie   |       | 24    |
| Pizza | II    | 12    |
| Curry |       | 15    |
| Wraps | I     | 6     |

7a. **Banana = 25; Apple = 18;  
Pear = 14; Plum = 8**

8a.

| Bugs     | Tally | Total |
|----------|-------|-------|
| Worm     |       | 9     |
| Spider   | II    | 17    |
| Beetle   |       | 5     |
| Ladybird |       | 23    |

### Greater Depth

9a. **A = 23; B = 30; C = 17;**

**D =** |||| ||| ||| ||| ||| II **27**

10a.

| Ice-cream | Tally | Total |
|-----------|-------|-------|
| Vanilla   |       | 9     |
| Mint      |       | 18    |
| Chocolate | II    | 22    |
| Caramel   | I     | 21    |

## Varied Fluency Make Tally Charts

### Developing

1b. **A = 10; B = 13; C = 8; D = 4**

2b.

| Colours | Tally | Total |
|---------|-------|-------|
| Pink    | II    | 7     |
| Red     | II    | 2     |
| Green   |       | 15    |

3b. **Crow = 9; Robin = 12; Jay = 5**

4b.

| Zoo Animals | Tally |
|-------------|-------|
| Monkey      |       |
| Lion        | I     |
| Tiger       | I     |

### Expected

5b. **A = 9; B = 14; C = 5; D = 26**

6b.

| Meals | Tally | Total |
|-------|-------|-------|
| Doll  |       | 4     |
| Car   |       | 23    |
| Robot | I     | 11    |
| Train | II    | 17    |

7b. **Football = 10; Rugby = 13;  
Hockey = 16; Tennis = 27**

8b.

| Cakes     | Tally | Total |
|-----------|-------|-------|
| Chocolate |       | 24    |
| Lemon     |       | 13    |
| Coffee    | I     | 6     |
| Cherry    | I     | 21    |

### Greater Depth

9b. **A = 19; B =** |||| ||| ||| ||| ||| ||| ||| **28;**  
**C = 24; D = 29**

10b.

| Name | Tally | Total |
|------|-------|-------|
| Ben  | I     | 16    |
| Ann  |       | 13    |
| Syd  |       | 27    |
| Kem  |       | 20    |

## Varied Fluency Make Tally Charts

### Greater Depth

11a. Spring = 30; Summer = 28;  
Autumn = 23; Winter = a number below 23

12a.

| Trees | Tally | Total |
|-------|-------|-------|
| Beech |       | 16    |
| Ash   |       | 24    |
| Birch |       | 26    |
| Oak   |       | 11    |

## Varied Fluency Make Tally Charts

### Greater Depth

11b. June = 26; May = a number between 22 and 25; July = 21; April = 12

12b.

| Sports   | Tally | Total |
|----------|-------|-------|
| Swimming |       | 21    |
| Football |       | 24    |
| Cycling  |       | 12    |
| Running  |       | 3     |