


# Tally Chart - Worksheet

## Skill

### Group A - Basic Skills

Write the value that each tally mark represents:

1) 

2) 

3) 

4) 

5) 

6) 

7) 

8) 

9) 

Is this correct?

10) Write 12 as a tally

11) Write 6 as a tally

12) Write 29 as a tally

### Group B - Intermediate skills

Use this data to complete the tally chart:

Banana	Apple	Banana	Banana	Grape	Orange
Apple	Apple	Strawberry	Orange	Apple	Banana
Orange	Orange	Strawberry	Banana	Grape	Apple
Apple	Apple	Orange	Strawberry	Strawberry	Apple

	Tally	Frequency

## Tally Chart - Worksheet

### Group C - Complex Skills

Complete the tally and use to answer the questions below:

	Tally	Frequency
Apple		12
Banana		19
Grape		
Orange		4
Strawberry		6

- 1) What is the most popular fruit?
- 2) What is the least popular fruit?
- 3) Which two fruits were chosen by the same number of people?
- 4) How many more people preferred apples to oranges?
- 5) How many fewer people preferred strawberries to bananas?
- 6) How many people were surveyed all together?

## Tally Chart - Worksheet

### Applied

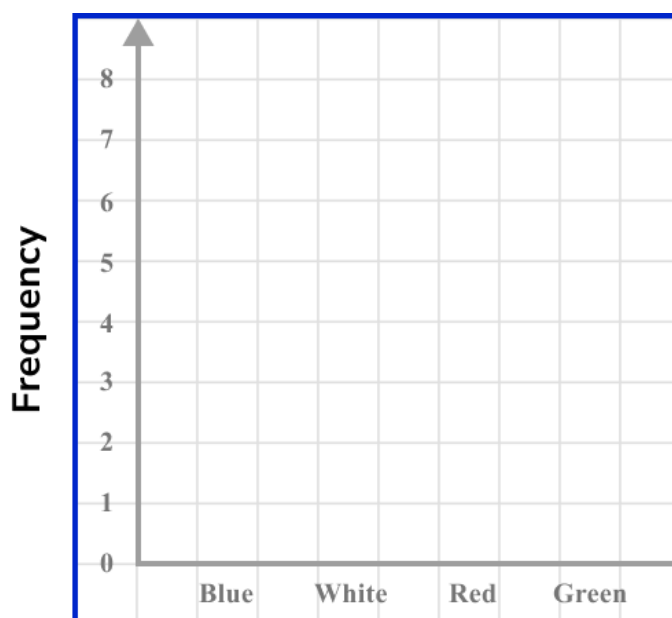
- 1) Melanie asked her friends their favourite colour.

Green Blue Red Green Blue Blue Green Red Blue  
White Blue Green Red Green Blue Red Blue Green

- (a) Complete the frequency table for his results

Colour	Tally	Frequency
Blue		
White		
Red		
Green		

- (b) On the grid, draw a bar chart to show this information.



- (c) Which colour is the mode?

## Tally Chart- Exam Questions

- 1) (a) Solomon recorded the number of text messages received on each of 18 days. Here are his results.

7 9 9 8 9 9 10 6 9 9 7 10 9 8 8 6 7 6

Complete the frequency table to show Solomon's results

Number of texts	Tally	Frequency
6		
7		
8		
9		
10		

(2)

- (b) Write down the mode.

.....  
(1)

- (c) Write down the range.

.....  
(1)  
(4 marks)

## Tally Chart- Exam Questions

- 2) A class of 20 students complete a test.  
The test is marked out of 50.  
The scores are recorded below.

32 10 19 41 22 18 28 24 50 48  
38 14 23 30 38 27 21 44 25 39

- (a) Complete the tally and frequency columns in the chart below.

Score	Tally	Frequency
1-10		
11-20		
21-30		
31-40		
41-50		

(2)

- (b) How many students scored between 21 - 30 marks? .....

(1)

- (c) What fraction of the students scored 41 - 50 marks? .....

(1)

(4 marks)

# Tally Chart - Answers

	Question	Answer																																										
	Skill Questions																																											
Group A	<p>Write the value that each tally mark represents</p> <p>1) I</p> <p>2) III</p> <p>3) III III</p> <p>4) III</p> <p>5) III II</p> <p>6) III III I</p> <p>7) III III III III III III II</p> <p>8) III III III III III III III III III III</p> <p>9) IIIIIIIIIII is this correct?</p> <p>10) Write 12 as a tally</p> <p>11) Write 6 as a tally</p> <p>12) Write 29 as a tally</p>	<p>1) 1</p> <p>2) 5</p> <p>3) 10</p> <p>4) 3</p> <p>5) 7</p> <p>6) 11</p> <p>7) 32</p> <p>8) 55</p> <p>9) No, it should be III III II</p> <p>10) III III II</p> <p>11) III I</p> <p>12) III III III III III III III</p>																																										
Group B	<p>Use this data to complete the tally chart:</p> <table border="1"> <tr> <td>Banana</td><td>Apple</td><td>Banana</td></tr> <tr> <td>Banana</td><td>Grape</td><td>Orange</td></tr> <tr> <td>Apple</td><td>Apple</td><td>Strawberry</td></tr> <tr> <td>Orange</td><td>Apple</td><td>Banana</td></tr> <tr> <td>Orange</td><td>Orange</td><td>Strawberry</td></tr> <tr> <td>Banana</td><td>Grape</td><td>Apple</td></tr> <tr> <td>Apple</td><td>Apple</td><td>Orange</td></tr> <tr> <td>Strawberry</td><td>Strawberry</td><td>Apple</td></tr> </table>	Banana	Apple	Banana	Banana	Grape	Orange	Apple	Apple	Strawberry	Orange	Apple	Banana	Orange	Orange	Strawberry	Banana	Grape	Apple	Apple	Apple	Orange	Strawberry	Strawberry	Apple	<table border="1"> <thead> <tr> <th></th><th>Tally</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td>Apple</td><td>III III</td><td>8</td></tr> <tr> <td>Banana</td><td>III</td><td>5</td></tr> <tr> <td>Grape</td><td>II</td><td>2</td></tr> <tr> <td>Orange</td><td>III</td><td>5</td></tr> <tr> <td>Strawberry</td><td>III</td><td>4</td></tr> </tbody> </table>		Tally	Frequency	Apple	III III	8	Banana	III	5	Grape	II	2	Orange	III	5	Strawberry	III	4
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## Tally Chart - Answers

### Group C

Work out:

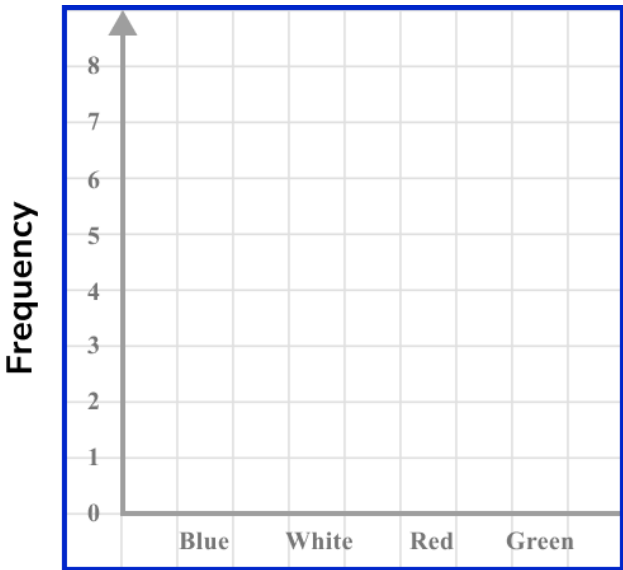
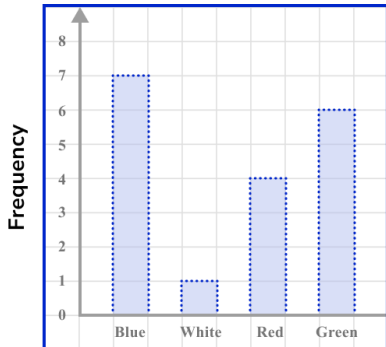
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	Tally	Frequency
Apple		12
Banana		19
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- 1) Banana
- 2) Orange
- 3) Apple and Grape
- 4) 8
- 5) 13
- 6) 53

# Tally Chart - Answers

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	Applied Questions																															
1)	<p>Melanie asked her friends their favourite colour.</p> <p>Green Blue Red Green Blue Blue Green Red Blue White Blue Green Red Green Blue Red Blue Green</p> <p>a) Complete the frequency table for his results</p> <table border="1"> <thead> <tr> <th>Colour</th><th>Tally</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td>Blue</td><td></td><td></td></tr> <tr> <td>White</td><td></td><td></td></tr> <tr> <td>Red</td><td></td><td></td></tr> <tr> <td>Green</td><td></td><td></td></tr> </tbody> </table> <p>b) On the grid, draw a bar chart to show this information.</p>  <p>c) Which colour is the mode?</p>	Colour	Tally	Frequency	Blue			White			Red			Green			<p>a)</p> <table border="1"> <thead> <tr> <th>Colour</th><th>Tally</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td>Blue</td><td>     </td><td>7</td></tr> <tr> <td>White</td><td> </td><td>1</td></tr> <tr> <td>Red</td><td>    </td><td>4</td></tr> <tr> <td>Green</td><td>     </td><td>6</td></tr> </tbody> </table> <p>b)</p>  <p>c) Blue</p>	Colour	Tally	Frequency	Blue		7	White		1	Red		4	Green		6
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## Tally Chart - Mark Scheme

	Question	Answer																																				
	Exam Questions																																					
1) (a)	<p>Solomon recorded the number of text messages received on each of 18 days. Here are his results.</p> <p>7 9 9 8 9 9 10 6 9 9 7 10 9 8 8 6 7 6</p> <p>Complete the frequency table to show Solomon's results</p> <table border="1"> <thead> <tr> <th>Number of texts</th><th>Tally</th><th>Frequency</th></tr> </thead> <tbody> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> </tbody> </table>	Number of texts	Tally	Frequency	6			7			8			9			10			<p>(a)</p> <table border="1"> <thead> <tr> <th>Number of texts</th><th>Tally</th><th>Frequency</th></tr> </thead> <tbody> <tr><td>6</td><td>   </td><td>3</td></tr> <tr><td>7</td><td>   </td><td>3</td></tr> <tr><td>8</td><td>   </td><td>3</td></tr> <tr><td>9</td><td>    </td><td>7</td></tr> <tr><td>10</td><td>  </td><td>2</td></tr> </tbody> </table> <p>Correct Tally Marks Correct Frequency (allow incorrect frequency based on 'their' tally)</p> <p>(1) (1)</p>	Number of texts	Tally	Frequency	6		3	7		3	8		3	9		7	10		2
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(c)	Write down the range.	(c) (10 – 6 =) 4 texts (1)																																				
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## Tally Chart - Mark Scheme

<b>(b)</b>	How many students scored between 21 - 30 marks?	<b>(b)</b> 8	<b>(1)</b>
<b>(c)</b>	What fraction of the students scored 41 - 50 marks?	<b>(c)</b> $\frac{1}{5}$ oe	<b>(1)</b>

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