Worksheet 43: Frequency Tables
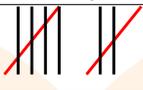
Name: _____   **Date:** _____

Score: _____

Section 1: Fluency (Questions 1–10)

Question 1:

Count the tally marks and write the number in the Frequency column.

Category	Tally	Frequency
Red	|||| ||	
Blue	||||	
Green	|||| ||||		

Question 2:

Complete the frequency table by counting the tally marks.
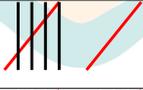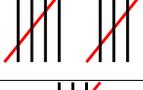
Category	Tally	Frequency
Apple	||||	
Orange	|||| ||||	
Banana	|||	

Question 3:

Fill in the Frequency column.

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Category	Tally	Frequency
Dog	|||| /	
Cat	|||| |||| /	
Bird	||	

Question 4:
Count the tally marks for each colour.

Category	Tally	Frequency
Yellow	|||| ||||	
Purple	|||| ||	
Pink	||||	

Question 5:
Complete the table.

Category	Tally	Frequency
Soccer	|||| |||| ||||	
Cricket	|||| ||||	
Tennis	|||| /	

Question 6:
Write the frequency for each transport type.

Category	Tally	Frequency
Car	IIII IIII II	
Bus	IIII I	
Bike	IIII IIII	

Question 7:
Count and complete.

Category	Tally	Frequency
Sunny	IIII IIII I	
Rainy	III	
Cloudy	IIII II	

Question 8:
Fill in the missing frequencies.

Category	Tally	Frequency
Chocolate	IIII IIII I	
Vanilla	IIII IIII	
Strawberry	IIII	

Question 9:
Complete the frequency column.

Category	Tally	Frequency
Fiction	~~||||~~ ~~||||~~ |||	
Non-fiction	~~||||~~ ||	
Picture	~~||||~~		

Question 10:
Count the tallies and write the frequency.

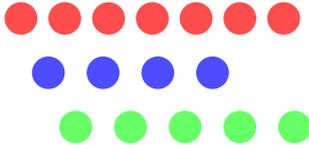| Category	Tally	Frequency
Red	~~||||~~ ~~||||~~ ~~||||~~		
Blue	~~||||~~ ~~||||~~		
Green	~~||||~~ ~~||||~~	

Good Job!

Why did the frequency table go to the gym? To work on its tally muscles!
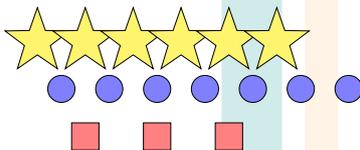
Section 2: Reasoning (Questions 11–20)

Question 11:
Count the coloured balls below and fill in the frequency table.

Category	Tally	Frequency
Red		
Blue		
Green		

Question 12:
Count the shapes and complete the table.

Category	Tally	Frequency
Stars		
Circles		
Squares		

Question 13:
Emma surveyed her class about favourite fruits. Record the data:
Votes: Apple, Apple, Banana, Orange, Apple, Banana, Orange, Apple, Orange, Orange

Category	Tally	Frequency
Apple		
Banana		
Orange		

Question 14:
Count the animals and fill in the table.

Dogs:
Cats:
Birds:

Category	Tally	Frequency
Dogs		
Cats		
Birds		

Question 15:

Tom recorded the colours of cars in the parking lot. Create a frequency table.
Red: 8 cars, Blue: 5 cars, White: 7 cars

Category	Tally	Frequency
Red		
Blue		
White		

Question 16:

Count the fruit emojis and complete the table.

Category	Tally	Frequency
Apple		
Orange		
Banana		

Question 17:

Sarah collected data on weather. Fill in the frequency table.
Sunny: 12 days, Rainy: 6 days, Cloudy: 9 days

Category	Tally	Frequency
Sunny		
Rainy		
Cloudy		

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Question 18:
Count the sports equipment and complete the table.

Category	Tally	Frequency
Soccer balls		
Basketballs		
Tennis balls		

Question 19:
Jake surveyed 20 students about their favourite subject. Create the table.
Maths: 8, English: 5, Science: 7

Category	Tally	Frequency
Maths		
English		
Science		

Question 20:
Count the ice cream cones and fill in the table.

Category	Tally	Frequency
Vanilla		
Chocolate		
Strawberry		

Good Job!

What's a table's favourite type of music? Heavy data!

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Section 3: Challenge (Questions 21–30)

Question 21:

Look at this frequency table. Which colour had the **highest** frequency?

Colour	Frequency
Red	12
Blue	8
Green	15

Answer: _____

Question 22:

How many **more** Red items were there than Blue items?

Item	Frequency
Red	14
Blue	9

Answer: _____

Question 23:

What is the **total** number of votes in this table?

Sport	Frequency
Soccer	10
Cricket	8
Tennis	6

Answer: _____

Question 24:

Which animal was chosen the **least**?

Animal	Frequency
Dog	15
Cat	7
Bird	11

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Answer: _____

Question 25:

The table shows 30 students' favourite colours. Fill in the missing frequency.

Colour	Frequency
Red	12
Blue	10
Green	?
Total	30

Green frequency: _____

Question 26:

Tom collected 25 votes. How many voted for Pizza?

Food	Frequency
Pasta	8
Salad	6
Pizza	?

Pizza: _____

Question 27:

Create a frequency table for this data:

Emma asked 20 students: "Red" got 7 votes, "Blue" got 8 votes, "Yellow" got 5 votes.

Question 28:

Which two categories have the same frequency?

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Item	Frequency
Apple	9
Orange	6
Banana	9

Answer: _____

Question 29:

If we add 5 more Red items to this table, what will the new Red frequency be?

Colour	Frequency
Red	11
Blue	8

New Red frequency: _____

Question 30:

Design your own frequency table. Choose a topic (e.g., favourite animals) and create 3 categories with frequencies.

Good Job!

Why did the data go to therapy? It had too many issues with frequency!

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Answer Key
Worksheet 43: Frequency Tables

Question 1:
Red: 8, Blue: 5, Green: 12
Question 2:
Apple: 6, Orange: 9, Banana: 4
Question 3:
Dog: 7, Cat: 11, Bird: 3
Question 4:
Yellow: 10, Purple: 8, Pink: 5
Question 5:
Soccer: 15, Cricket: 9, Tennis: 6
Question 6:
Car: 13, Bus: 7, Bike: 10
Question 7:
Sunny: 12, Rainy: 4, Cloudy: 8
Question 8:
Chocolate: 11, Vanilla: 9, Strawberry: 5
Question 9:
Fiction: 14, Non-fiction: 8, Picture: 7
Question 10:
Red: 16, Blue: 12, Green: 9
Question 11:
Red: 7, Blue: 4, Green: 5
Question 12:
Stars: 6, Circles: 7, Squares: 3
Question 13:
Apple: 4, Banana: 2, Orange: 4
Question 14:
Dogs: 8, Cats: 5, Birds: 3
Question 15:
Red: 8, Blue: 5, White: 7

Question 16:
Apple: 6, Orange: 8, Banana: 4
Question 17:
Sunny: 12, Rainy: 6, Cloudy: 9
Question 18:
Soccer: 7, Basketball: 4, Tennis: 6
Question 19:
Maths: 8, English: 5, Science: 7
Question 20:
Vanilla: 9, Chocolate: 5, Strawberry: 7
Question 21:
Green
Question 22:
5 more
Question 23:
24 votes
Question 24:
Cat
Question 25:
8
Question 26:
11
Question 27:
Check table: Red (7), Blue (8), Yellow (5)
Question 28:
Apple and Banana
Question 29:
16
Question 30:
Check student's creative table

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Worksheet 44: Introduction to Spreadsheets

Name: _____   **Date:** _____

Score: _____

Section 1: Fluency (Questions 1–10)

Question 1:
Look at the spreadsheet below. What word is in cell **A1**?

	A	B	C
1	Apple	5	Red
2	Banana	3	Yellow
3	Orange	7	Orange

Answer: _____

Question 2:
Using the spreadsheet from Question 1, what number is in cell **B2**?
Answer: _____

Question 3:
What colour is in cell **C1**?
Answer: _____

Question 4:
Look at this spreadsheet. What is in cell **A3**?

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	A	B	C
1	Dog	8	Yes
2	Cat	12	Yes
3	Bird	4	No

Answer: _____

Question 5:
Using the spreadsheet from Question 4, what number is in cell **B1**?
Answer: _____

Question 6:
What word is in cell **C3**?
Answer: _____

Question 7:
Look at this spreadsheet. Circle the cell that contains the number **15**.

	A	B	C
1	Soccer	10	Popular
2	Tennis	15	Growing
3	Cricket	8	Popular

Answer (cell reference): _____

Question 8:
In a spreadsheet, rows are numbered and columns are lettered. What letter is the **second column**?
Answer: _____

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Question 9:

What is the cell reference for the **first row, third column**?

Answer: _____

Question 10:

Look at the spreadsheet. What is in cell **B3**?

	A	B	C
1	Red	12	Bright
2	Blue	9	Cool
3	Green	7	Fresh

Answer: _____

Good Job!

Why was the computer cold? Because it left its Windows open!

Question 11:
Draw a circle around cell **C3** in the spreadsheet below.

	A	B	C
1	Name	Age	Class
2	Emma	8	3A
3	Tom	9	3B

Question 12:
If I am in cell B2 and I move **one cell UP**, where will I be?
Answer: _____

Question 13:
If I am in cell A1 and I move **one cell RIGHT**, where will I be?
Answer: _____

Question 14:
Starting at cell C1, if I move **DOWN two cells**, where am I now?
Answer: _____

Question 15:
Which cell is **directly below** cell A1?
Answer: _____

Question 16:
Which cell is **directly to the right** of cell B3?

15

Answer: _____

Question 17:

Look at the spreadsheet. If I want to find "Cat", which cell should I look at?

	A	B	C
1	Dog	5	Loyal
2	Cat	8	Independent
3	Fish	3	Quiet

Answer: _____

Question 18:

In column B, which cells contain numbers?

Answer: _____

Question 19:

Sarah wants to enter data in the **third row, second column**. What is the cell reference?
Answer: _____

Question 20:

If I start at B1 and move LEFT then DOWN, where do I end up?
Answer: _____

Good Job!

What do you call a computer that sings? A Dell!

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Section 3: Challenge (Questions 21–30)

Question 21:
We want to add up all the numbers in column B. Which cells do we need?

	A	B	C
1	Apple	5	Sweet
2	Banana	8	Soft
3	Orange	3	Juicy

Answer: _____

Question 22:
Write the data for "Strawberry" (7 items, "Red" colour) into Row 2.
What would you type in cell A2? _____
What would you type in cell B2? _____
What would you type in cell C2? _____

Question 23:
Tom wants to change the number in cell B1 from 10 to 15. Which cell must he click on?
Answer: _____

Question 24:
Emma has data in cells A1, A2, and A3. She wants to add data in the cell just below A3. What is the cell reference?
Answer: _____

Question 25:
Look at the spreadsheet. What is the total of all numbers in column B?

	A	B	C
1	Red	6	Warm
2	Blue	4	Cool
3	Green	5	Fresh

Total: _____

Question 26:

In a spreadsheet, data is organized in rows and columns. If you have 3 columns (A, B, C) and 3 rows (1, 2, 3), how many cells do you have in total?

Answer: _____

Question 27:

Sarah collected this data: Dogs (12), Cats (8), Birds (5). Draw a simple spreadsheet showing this data with headers "Animal" and "Number".

Question 28:

Which is easier to read: a list of 50 items or a spreadsheet with those items organized? Why?

Answer: _____

_____

Question 29:

Tom enters "15" in cell B2 but it should be "25". What must he do to fix it?

Answer: _____

Question 30:

Design your own mini spreadsheet. Choose a topic (e.g., favourite books) and create 3 rows of data with 3 columns.

Good Job!

Why did the spreadsheet break up with the calculator? Because it found someone with more cell-f esteem!

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Answer Key
Worksheet 44: Introduction to Spreadsheets

Question 1:
Apple

Question 2:
3

Question 3:
Red

Question 4:
Bird

Question 5:
8

Question 6:
No

Question 7:
B2

Question 8:
B

Question 9:
C1

Question 10:
7

Question 11:
Check circling of C3 (should be "3B")

Question 12:
B1

Question 13:
B1

Question 14:
C3

Question 15:
A2

Question 16:
C3

Question 17:
A2

Question 18:
B1, B2, B3

Question 19:
B3

Question 20:
A2

Question 21:
B1, B2, B3

Question 22:
A2: Strawberry
B2: 7
C2: Red

Question 23:
B1

Question 24:
A4

Question 25:
15

Question 26:
9 cells

Question 27:
Check spreadsheet with Animal/Number columns and correct data

Question 28:
Spreadsheet; it's organized and easier to find information

Question 29:
Click on cell B2 and change the value to 25

Question 30:
Check student's creative spreadsheet design

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