

Summer Week 9 Lesson 1 – 22.06.20

STARTER: Make 36

How many different ways can you find to make 36 using the numbers below?

Can you find a way for each different operation?

1	2	3
4	5	6
7	8	9

+

-

x

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Steppingstone activity

Summer Week 9 Lesson 1 – 22.06.20

LO: To read and interpret tables

Task:

You are going to look at data in **tables** to extract information and answer questions. You will have to use your **addition and subtraction skills**.

Success Criteria:

1. Read the questions carefully – you might not need ALL of the data to answer the question.
2. If it says 'altogether' you need to add.
3. If it says 'difference' you need to subtract.

Model:

1b. Use the table to answer the following question.

Ice Cream Shop	Scoop 'n' Go	Frosty Frills	Banana Splitz
Ice creams sold in one year	48	87	103

1. How many ice creams were sold altogether?

Add all the numbers together:

$$48 + 87 + 103 = 238$$

2. Compare Frosty Frills and Banana Splitz. What is the difference between the number of ice creams sold?

To find the difference between two numbers, you need to subtract the smaller number from the larger one:

$$103 - 87 = 16$$

1a. Use the table to answer the following question.

Ice Cream Shop	Happy Cones	Slush Kitties	Sundae Funday
Ice Creams sold in August	89	97	23

Slush Kitties sold the most ice creams in August.

True or false?



5 VF

2a. Compare Mystic Mountain and Thrillville on the table below.

Theme Park	Solarland	Mystic Mountain	Thrillville
Visitors in August	65	32	98

How many visitors did they have altogether?
What is the difference between the number of visitors?



5 VF

3a. Use the table to answer the following question.

Hotel	Sea View	Boutique Hotel	Costa D'Verde
Yearly Visitors	453	173	263

Which two hotels have a combined total of **626** visitors in one year?



5 VF

2b. Compare Shadow Kingdom and Tots World on the table below.

Theme Park	Shadow Kingdom	Quest World	Tots World
Visitors in August	453	412	768

How many visitors did they have altogether?
What is the difference between the number of visitors?



5 VF

3b. Use the table to answer the following question.

Hotel	Grand Hotel	Royal Plaza VII	Beds 'n' Brekkie
Yearly Visitors	489	321	754

Which two hotels have a difference in yearly visitors of **433**?



5 VF

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Model:

Here is a table with information about planets. Use the table to answer the questions.

Planet	Time for Revolution	Diameter (km)	Time for Rotation
Mercury	88 days	4,878	59 days
Venus	225 days	12,104	243 days
Earth	365 days	12,756	24 hours
Mars	687 days	6,794	25 hours
Jupiter	12 years	142,984	10 hours
Saturn	29 years	120,536	11 hours
Uranus	84 years	51,118	17 hours
Neptune	165 years	49,500	17 hours

How many planets take more than one day to rotate?

Look at the 'Time for Rotation' column.

There are 24 hours in one day so we are looking for times that longer than 24 hours.

Find those numbers and look across to the planets: Mercury, Venus, Mars

Count them.

THE ANSWER = 3

What is the difference between the diameter of Mars and Earth?

The diameter of Mars is: 6,794km.

The diameter of Earth is: 12,756km.

Subtract the smaller number from the larger to find the difference:

$12,756 - 6794 = \underline{5962\text{km}}$

MILD

1a. Use the table to answer the following question.

Ice Cream Shop	Happy Cones	Slush Kitties	Sundae Funday
Ice Creams sold in August	4,289	4,297	4,223

Slush Kitties sold the most ice creams in August.

True or false?



S VF

1b. Use the table to answer the following question.

Ice Cream Shop	Scoop 'n' Go	Frosty Frills	Banana Splitz
Ice creams sold in one year	7,856	11,096	10,123

Scoop 'n' Go sold more ice creams than Frosty Frills.

True or false?



S VF

2a. Compare Mystic Mountain and Thrillville on the table below.

Theme Park	Solarland	Mystic Mountain	Thrillville
Visitors in August	14,765	25,432	57,098

How many visitors did they have altogether?

What is the difference between the number of visitors?



S VF

2b. Compare Shadow Kingdom and Tots World on the table below.

Theme Park	Shadow Kingdom	Quest World	Tots World
Visitors in August	23,453	18,453	9,768

How many visitors did they have altogether?

What is the difference between the number of visitors?



S VF

3a. Use the table to answer the following question.

Hotel	Sea View	Boutique Hotel	Costa D'Verde
Yearly Visitors	22,453	23,673	21,923

Which two hotels have a combined total of 44,376 visitors in one year?



S VF

3b. Use the table to answer the following question.

Hotel	Grand Hotel	Royal Plaza VII	Beds 'n' Brekkie
Yearly Visitors	15,789	23,672	8,654

Which two hotels have a difference in yearly visitors of 7,883?



S VF

SPICY

4a. Use the table to answer the following question.

Destination	Tokyo	Cape Town	Hong Kong	Rio de Janeiro
Distance from London (km)	9,576	9,685	9,626	9,292

Cape Town is the second furthest destination from London.

True or false?



S VF

4b. Use the table to answer the following question.

Destination	New York	Sydney	Buenos Aires	Milan
Distance from Manchester (km)	5,372	17,002	11,184	1,211

Milan is further away from Manchester than Buenos Aires.

True or false?



S VF

5a. Compare Pineapple Metal and Deaf Lizards on the table below.

Concert	Pineapple Metal	The Pointy Ants	Deaf Lizards
Ticket Sales	356,201	12,986	453,189

How many ticket sales did they have altogether?

What is the difference between the number of ticket sales?



S VF

5b. Compare Purely Red and Jenny and the Jets on the table below.

Concert	King Purple	Jenny and the Jets	Purely Red
Ticket Sales	15,907	341,765	200,132

How many ticket sales did they have altogether?

What is the difference between the number of ticket sales?



S VF

6a. Use the table to answer the following question.

Deaf Lizard Tour	MEN Arena	First Direct Arena	O ₂ Arena	NEC Arena
Ticket Sales	351,098	356,201	341,341	349,001

Which two arenas have a combined ticket sales of 697,542?



S VF

6b. Use the table to answer the following question.

Purely Red Tour	Metro Arena	Bolton Arena	Anfield Stadium	Emirates Arena
Ticket Sales	132,487	256,076	376,211	99,879

Which two arenas have a difference in sales of 156,197?



S VF

RED HOT

7a. Use the table to answer the following question.

Song	Only Me	Hotel Illinois	Stand by You	Angel Woman
Z-Tunes Downloads in one week	356,121	324,964	374,126	324,812

Hotel Illinois had the second highest number of downloads in one week.

True or false?



S VF

7b. Use the table to answer the following question.

Song	Hey Jed	Day Fever	Mon Cherie	Plum Drizzle
Z-Tunes Downloads in one week	543,091	702,121	412,134	515,231

Hey Jed was downloaded more times than Plum Drizzle.

True or false?



S VF

8a. Compare Wild Weather and Crazy Cats on the table below.

Video	Crazy Cats	Wild Weather	Biggest Burgers	Skating Tricks
MeTube Views	120,821	1,234,356	876,357	1,324,543

How many views did they have altogether?

What is the difference between the number of views?



S VF

8b. Compare Z-Factor Final and The Bird Song on the table below.

Video	The Bird Song	Jim the Spider	Shark Attacks	Z-Factor Final
MeTube Views	1,435,678	789,213	823,128	1,567,231

How many views did they have altogether?

What is the difference between the number of views?



S VF

9a. Use the table to answer the following question.

Airport	Luton	Atlanta	Paris Charles de Gaulle	Tokyo Haneda
Yearly Flights	897,976	1,204,123	956,912	1,009,213

Which three airports have combined total yearly flights of 3,059,011?



S VF

9b. Use the table to answer the following question.

Airport	Toronto	Dubai	Frankfurt	Istanbul
Yearly Flights	456,921	1,784,012	865,188	811,567

Which two airports have a difference in yearly flights of 1,327,091?



S VF

If you would like an extra challenge, here you go:

1. The table shows the average temperatures for different places around the world.

	January	April	July	October
London	5.3°	11.9°	19.6°	13.4°
Goa	25.7°	29.8°	28.1°	29.2°
Svalbard	-20.1°	-16.3°	7.5°	-4.2°



Explore the changes in temperature and compose your own statements about the trends.

Use the map to help you explain these trends.

DP

Examples:

Making a statement: Goa is significantly hotter than Svalbard throughout the year.

Using the map: This is because Goa is closer to the equator than the other locations.