Two-Way Tables

1. The two-way table below shows information about the pets preferred by children in the year groups in Key Stage 2.

	Cat	Dog	Rabbit	Hamster	Total
Year 3	16	7	11	24	58
Year 4	14	10	18	17	59
Year 5	10	21	11	18	60
Year 6	22	18	8	9	57
Total	62	56	48	68	234

a) How many children in Year 4 prefer dogs? ....

b) How many more children in Year 3 prefer hamsters than in Year 6? ....

c) What is the most preferred pet in Key Stage 2? ....

d) Which is the least preferred pet in Year 5? ....

e) How many children are there in total in Key Stage 2? ....

2. The table shows information about the number of pairs of different shoes sold in a shoe shop each day.

	Trainers	School Shoes	Slippers	Wellies	Total
Monday	17	22	10	11	60
Tuesday	23	36	9	10	78
Wednesday	18	21	7	4	50
Thursday	25	18	2	2	47
Friday	35	42	14	9	100
Total	118	139	42	36	335

a) On which day of the week were the most pairs of school shoes sold? ....

b) How many more pairs of trainers were sold on Friday compared to Monday? ....

c) Which type of shoe was the most popular? ....

d) How many pairs of slippers were bought in the first 3 days of the week in total? ....

e) On which day were the most pairs of shoes sold? ....

Two-Way Tables

3. The table shows information about the milkshake flavour and biscuit type chosen by children at the school disco.

	Chocolate flavour	Strawberry flavour	Total
Chocolate biscuit		19	31
Custard cream	40		73
Shortbread	20	5	
Ginger	11	10	21
Total		67	

a) Complete the table.

b) How many children chose a chocolate flavour milkshake? ....

c) Which was the most popular type of biscuit? ....

d) What was the least popular flavour of biscuit? ....

e) How many children were at the school disco? ....

Two-Way Tables

4. Year 5 pupils were asked about their favourite activity to do during the school holidays. The results are in the table below.

	Girls	Boys	Total
Visit the cinema	3	1	4
Go to the park			21
Playdate with friends	14		24
Camping trip	9	5	
Total	34	29	63

a) Complete the table.

b) Write 4 questions about the table for someone else to answer.
(Make sure you have worked out the answers and written them down somewhere.)

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Two-Way Tables

1. The two-way table below shows information about the pets preferred by children in the year groups in Key Stage 2.

	Cat	Dog	Rabbit	Hamster	Total
Year 3	16	7	11	24	58
Year 4	14	10	18	17	59
Year 5	10	21	11	18	60
Year 6	22	18	8	9	57
Total	62	56	48	68	234

a) How many children in Year 4 prefer dogs? ....10....

b) How many more children in Year 3 prefer hamsters than in Year 6? ....24–9=15....

c) What is the most preferred pet in Key Stage 2? ....Hamster....

d) Which is the least preferred pet in Year 5? ....Cat....

e) How many children are there in total in Key Stage 2? ....234....

2. The table shows information about the number of pairs of different shoes sold in a shoe shop each day.

	Trainers	School Shoes	Slippers	Wellies	Total
Monday	17	22	10	11	60
Tuesday	23	36	9	10	78
Wednesday	18	21	7	4	50
Thursday	25	18	2	2	47
Friday	35	42	14	9	100
Total	118	139	42	36	335

a) On which day of the week were the most pairs of school shoes sold? ....Friday....

b) How many more pairs of trainers were sold on Friday compared to Monday? ....35–17=18....

c) Which type of shoe was the most popular? ....School shoes....

d) How many pairs of slippers were bought in the first 3 days of the week in total? ....10+9+7=26....

e) On which day were the most pairs of shoes sold? ....Friday....

Two-Way Tables

3. The table shows information about the milkshake flavour and biscuit type chosen by children at the school disco.

	Chocolate flavour	Strawberry flavour	Total
Chocolate biscuit	12	19	31
Custard cream	40	33	73
Shortbread	20	5	25
Ginger	11	10	21
Total	83	67	150

a) Complete the table.

b) How many children chose a chocolate flavour milkshake? ....83.......

c) Which was the most popular type of biscuit? ..Custard cream..

d) What was the least popular flavour of biscuit? ....Ginger.........

e) How many children were at the school disco? ....150....

Two-Way Tables

4. Year 5 pupils were asked about their favourite activity to do during the school holidays. The results are in the table below.

	Girls	Boys	Total
Visit the cinema	3	1	4
Go to the park	8	13	21
Playdate with friends	14	10	24
Camping trip	9	5	14
Total	34	29	63

a) Complete the table.

b) Write 4 questions about the table for someone else to answer.
(Make sure you have worked out the answers and written them down somewhere.)

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