

# 10.1.2021 (Wednesday) – L.I. Can I read and interpret two-way tables?

Lesson video: <https://whiterosemaths.com/homelearning/year-5/week-7-statistics/> (two-way tables)

1. This graph shows the staff working at Liverpool Police Station. Use the table to answer the questions.

How many female inspectors are there? \_\_\_\_\_

How many constables are there altogether? \_\_\_\_\_

How many people work there? \_\_\_\_\_

	Male	Female	Total
Constable	55	24	79
Sergeant	8	5	13
Inspector	2	4	6
Chief Inspector	1	1	2
Total	66	34	100

	Man United	Liverpool	Chelsea	TOTAL
Lost	36	42	29	
Won	174	76	126	
TOTAL				

2. Complete the table.

Which team has played the most games?

True or false – Liverpool has played less games than Manchester United have won. \_\_\_\_\_

How many games have been won by the teams altogether? \_\_\_\_\_

3. The table shows how many children have dogs and cats. Complete the table.

How many more boys have dogs than girls? \_\_\_\_\_

How many more girls have cats than dogs? \_\_\_\_\_

How many more children have dogs than cats? \_\_\_\_\_

	Boys	Girls	Total
Dogs		44	
Cats	38		
Total	125		245

4. Can you create your own two-way table about this group of people? For example, your criteria could be

people who wear glasses and people who don't, hair colour or t-shirt colour.



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**Extra Challenge** – A theatre sells 4800 tickets to a concert. 3200 of the tickets are sold to adults. Of the adults who have tickets  $\frac{3}{4}$  are female. Out of the children attending the concert  $\frac{1}{2}$  are male. Can you create a two way table to represent this information?