

Read and Interpret Tables

Introduction

Use the information below to complete the table.

Year Group	Number of Pupils
Year 3	
Year 4	
Year 5	
Year 6	

- There are 120 pupils in KS2 altogether.
- One quarter of the pupils are in Year 4.
- There are 2 fewer pupils in Year 3 than in Year 4.
- There are 3 more pupils in Year 5 than in Year 3.

Introduction

Use the information below to complete the table.

Year Group	Number of Pupils
Year 3	28
Year 4	30
Year 5	31
Year 6	31

- There are 120 pupils in KS2 altogether.
- One quarter of the pupils are in Year 4.
- There are 2 fewer pupils in Year 3 than in Year 4.
- There are 3 more pupils in Year 5 than in Year 3.

Varied Fluency 1

True or false?

Destination	Abu Dhabi	Cape Town	Mexico City	Sydney
Distance from Gatwick (km)	5,470.1	13,513	8,932.3	17,006

Cape Town is the second furthest destination from Gatwick.

Varied Fluency 1

True or false?

Destination	Abu Dhabi	Cape Town	Mexico City	Sydney
Distance from Gatwick (km)	5,470.1	13,513	8,932.3	17,006

Cape Town is the second furthest destination from Gatwick.

True

Varied Fluency 2

Look at the table below.

Concert	Fairy Metal	Banana Army	Beautiful North
Ticket Sales	32,565	152,109	65,506

How many more tickets did Banana Army and Beautiful North sell compared with Banana Army and Fairy Metal?

Varied Fluency 2

Look at the table below.

Concert	Fairy Metal	Banana Army	Beautiful North
Ticket Sales	32,565	152,109	65,506

How many more tickets did Banana Army and Beautiful North sell compared with Banana Army and Fairy Metal?

32,941 more tickets.

Banana Army and Beautiful North sold 217,615 tickets. Banana Army and Fairy Metal sold 184,674 tickets. The difference is 32,941.

Varied Fluency 3

Which two arenas have combined ticket sales of 509,156?

Fairy Metal Tour	Anfield Arena	Hull Arena	First Direct	Bolton Arena
Ticket Sales	231,345	156,722	277,811	500,238

Varied Fluency 3

Which two arenas have combined ticket sales of 509,156?

Fairy Metal Tour	Anfield Arena	Hull Arena	First Direct	Bolton Arena
Ticket Sales	231,345	156,722	277,811	500,238

Anfield Arena and First Direct

Problem Solving 1

The table below shows the number of minutes spent on different activities by 5 children in a year.

	Sleeping	Playing out	Eating
Jean	175,211	16,614	29,239.5
Hayley	158,563	30,700	21,023
Afifa	182,444	21,409.5	16,202
Gus	171,423	33,439	20,899.5
Hamish	208,431	24,232	21,031

Create three questions about the data. Make sure you include answers.

Problem Solving 1

The table below shows the number of minutes spent on different activities by 5 children in a year.

	Sleeping	Playing out	Eating
Jean	175,211	16,614	29,239.5
Hayley	158,563	30,700	21,023
Afifa	182,444	21,409.5	16,202
Gus	171,423	33,439	20,899.5
Hamish	208,431	24,232	21,031

Create three questions about the data. Make sure you include answers.

Various answers, for example:

How many more minutes did Jean spend sleeping than Hayley?

$$175,211 - 158,563 = 16,648$$

Reasoning 1

The table below shows the highest maximum speeds (km/h) recorded over three races.

	Race 1	Race 2	Race 3
Suzi Whizz	142.2	141.3	136.7
Flash Johnno	231.5	215.4	241.1
Carla Kwikstick	129.9	120.4	132.7

In race 2, the lowest maximum speed was 215.4 km/h.
Do you agree? Explain your answer.

Reasoning 1

The table below shows the highest maximum speeds (km/h) recorded over three races.

	Race 1	Race 2	Race 3
Suzi Whizz	142.2	141.3	136.7
Flash Johnno	231.5	215.4	241.1
Carla Kwikstick	129.9	120.4	132.7

In race 2, the lowest maximum speed was 215.4 km/h.
Do you agree? Explain your answer.

No because...

Reasoning 1

The table below shows the highest maximum speeds (km/h) recorded over three races.

	Race 1	Race 2	Race 3
Suzi Whizz	142.2	141.3	136.7
Flash Johnno	231.5	215.4	241.1
Carla Kwikstick	129.9	120.4	132.7

In race 2, the lowest maximum speed was 215.4 km/h.
Do you agree? Explain your answer.

No because 215.4 km/h was the highest maximum speed. The lowest maximum speed was 120.4 km/h.

Reasoning 2

Keira records the number of vehicles crossing a bridge over three weeks.

	Week 1	Week 2	Week 3
Cars	341,755	302,122	312,343
Bikes	1,075	2,343	1,899
Lorries	2,189	1,999	2,019



Week 1 had the most traffic.

Do you agree with Keira? Why?

Reasoning 2

Keira records the number of vehicles crossing a bridge over three weeks.

	Week 1	Week 2	Week 3
Cars	341,755	302,122	312,343
Bikes	1,075	2,343	1,899
Lorries	2,189	1,999	2,019



Week 1 had the most traffic.

Do you agree with Keira? Why?

Keira is correct because...

Reasoning 2

Keira records the number of vehicles crossing a bridge over three weeks.

	Week 1	Week 2	Week 3
Cars	341,755	302,122	312,343
Bikes	1,075	2,343	1,899
Lorries	2,189	1,999	2,019



Week 1 had the most traffic.

Do you agree with Keira? Why?

Keira is correct because week 1 has 345,019 vehicles compared with 306,464 in week 2 and 316,261 in week 3.