Two-way tables

1 A film is shown twice a day at 3 pm and 7 pm.

The table shows the number of children and adults that see each show in one day.

	Adults	Children
3 pm showing	28	65
7 pm showing	58	12

a) How many children watched the 7 pm showing?

b) How many adults watched the film that day?

c) There are 100 seats in the cinema.

How many seats were empty at the 3pm showing?

d) Did more children or more adults watch the film?

Show your workings.

_____

e) Why do you think fewer children watched the 7pm showing?

2 The table shows information about the eye colour of 100 people.

	Brown	Blue	Green	Total
Boys	12	25		70
Girls			8	
Total	29			100

a) Complete the table.

b) How many boys have green eyes?

c) How many girls have blue eyes?

d) How many more girls have brown eyes than blue eyes?

3 The table below shows the distance in miles between some cities.

London				
3,459	New York			
5,938	6,736	Tokyo		
6,011	7,803	9,152	Cape Town	
10,553	9,929	7,819	6,845	Sydney

a) What is the distance between Sydney and Tokyo?

b) Which two cities are the furthest apart?

_____ and _____

c) Choose a city to start in and then two more different places to visit.

How far would you have to travel?

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4 Teams are awarded points for each event at a swimming gala.

Some of the scores have accidentally been washed off!

	Breaststroke	Backstroke	Butterfly	Freestyle	Total
Yellow	405		210	395	1,970
Red	650	420		650	
Green	210		400		1,480
Blue		210	610	510	
Total	1,610		1,430	1,925	

Work out the missing scores and complete the table.

Write 3 questions for your partner to answer about the information on the table.

_____

_____

_____

5 The table shows information about some of the world's tallest buildings.

Building	Country	Height (m)	Number of floors	Year completed
Burj Khalifa	UAE	828	163	2010
Shanghai Tower	China	632	128	2015
Abraj Al-Bait Clock Tower	Saudi Arabia	601	120	2012
Ping An Finance Centre	China	599	115	2017
Goldin Finance 117	China	597	128	2019

a) How tall is the tallest building? ☐

b) Which building is 601 m tall? _____

c) Which two buildings have the same number of floors?

_____

d) Which building was completed most recently? _____

e) How much taller is the Burj Khalifa than the Goldin Finance 117 building? ☐

f) Three-fifths of the buildings are in China.

Is this statement correct? _____

Explain how you know.

_____

_____

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