

Task 1

This table shows the population of five different cities.

Use the table to answer the questions.

City	Leeds	Wakefield	Bradford	Liverpool	Coventry
Population	720,000	316,000	467,000	440,000	305,000

- Which city's population would round to 400,000?
- Which two cities have a combined population of 621,000?
- How much larger is the population of Liverpool than Coventry?

Task 2

This table gives you information about planets.

Use the information 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

- Which planet takes a year to revolve?
 - True or False. There are 2 planets that take over a century to revolve.
Explain your answer.
 - What is the difference in diameter between Saturn and Uranus?
 - Using estimation, which 2 planets have a difference of 22,448 km in diameter?
 - Approximately** how many times wider is Neptune than Mercury?
- a) Write the amount of days that Venus and Mars take to revolve in Roman Numerals.

(See powerpoint to help)

Task 3

This table shows the 10 largest stadiums in Europe.



Stadium	City	Country	Capacity
Camp Nou	Barcelona	Spain	99,365
Wembley	London	England	90,000
Signal Iduna Park	Dortmund	Germany	81,359
Santiago Bernabeu	Madrid	Spain	81,044
San Siro	Milan	Italy	80,018
Stade de France	Paris	France	80,000
Luzhniki Stadium	Moscow	Russia	78,300
Ataturk Olimpiyat Stadium	Istanbul	Turkey	76,092
Old Trafford	Manchester	England	75,811
Allianz Arena	Munich	Germany	75,000

True or False?

- The fourth largest stadium is the San Siro.
- There are 6 stadiums with a capacity of more than 80,000
- Three of the largest stadiums are in England.

Answers

Task 1

- a) Which city's population would round to 400.000?

Liverpool

- b) Which two cities have a combined population of 621,000?

Wakefield and Coventry

- c) How much larger is the population of Liverpool than Coventry?

$$440,000 - 305,000 = 135,000$$

Task 2

- a) Which planet takes a year to revolve? Earth

- b) True or False. There are 2 planets that take over a century to revolve.

Explain your answer.

False, A century is 100 years, so there is only 1 planet that has taken over a century to revolve.

- c) What is the difference in diameter between Saturn and Uranus?

$$120,536 - 51,118 = 69,418\text{km}$$

- d) Using estimation, which 2 planets have a difference of 22,448 km in diameter?

Jupiter and Saturn

- a) **Approximately** how many times wider is Neptune than Mercury?

Neptune = 49,500 km

Mercury = 4,478 km ($\times 10 = 44,780 + 4,478 =$)

Approximately 11 x wider

- e) Write the amount of days that Venus and Mars take to revolve in Roman Numerals.

Mars = 687 days = DCLXXXVII

Venus = 225 days = CCXXV

Task 3

True or False?

- The fourth largest stadium is the San Siro.
- There are 6 stadiums with a capacity of more than 80,000
- Three of the largest stadiums are in England.

False

False

False