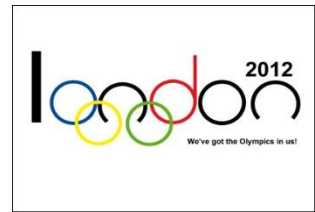


Olympic Mathematics Challenge

www.london2012.com



Name of Group: _____

Group Members: _____

Group Leader: _____

TIME ALLOCATED: 30 minutes

This part is to be filled after the task is ready.

How did you work within your group?

TOTAL POINTS _____

1. The Olympic Games will start on the **27th July 2012**.

Mark this date on the calendar on the right.

JULY 2012						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1 mark

-
2. The Olympic Games will end on the **12th August 2012**.

Which day of the week is that?

Tick (✓) the box next to the correct answer.

Monday Tuesday Wednesday
Thursday Friday Saturday
Sunday

1 mark

-
3. (a) **How many people** from across the UK will carry the Olympic torch?

people

1 mark

- (b) **How long** (in days) will they take in all?

days

1 mark

4. (a) **How many different sports** are played in the Olympic Games?

_____ sports

1 mark

(b) Is this an **even** or an **odd number**?
Tick (✓) the box next to the answer.

odd number

even number

1 mark

5. The **Opening Ceremony starts** at ____:____ .

1 mark

It is _____ minutes long.

1 mark

6. What is the **area of the swimming pool** used for swimming?



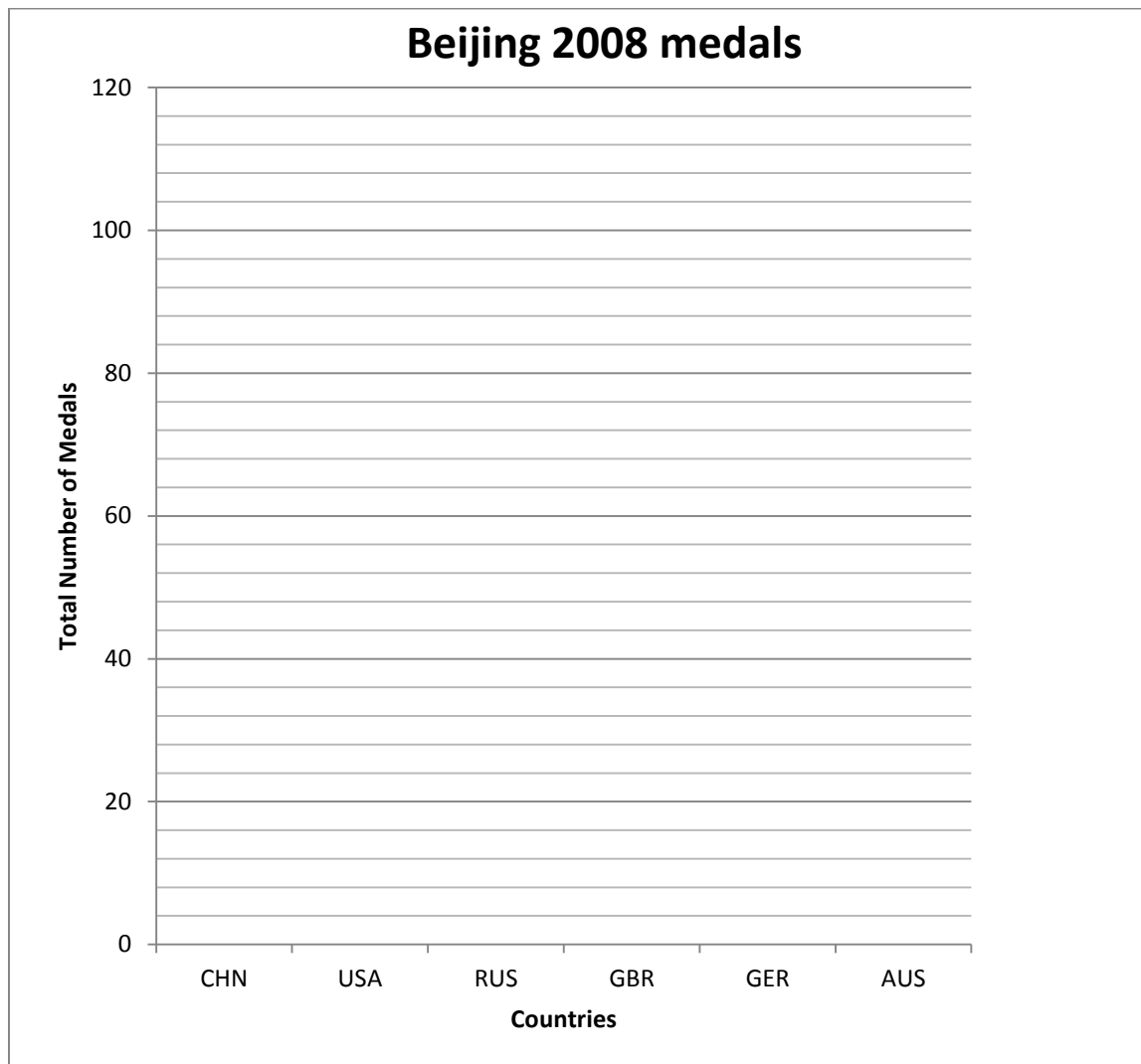
swimming pool

_____ cm²

1 mark

7. Draw a bar graph showing the number of medals won by the countries that placed in the first six positions in **Beijing 2008**.

Countries	CHN	USA	RUS	GBR	GER	AUS
Total Number of Medals						



6 marks

8. Design a new Olympic Games Symbol instead of the **Olympic Rings**.

a. Use only 2-d shapes.

b. Then write a description for your design.

(example: The Olympic Rings is made of 5 intertwined circles. The colours of the circles are blue, yellow, black, green and red.)



Description:

10 marks

FINAL CHALLENGE

- Now, write Question 9 and Question 10 yourselves.
- The other teams will then have a go at answering your questions.
- The Questions have to be Mathematics Questions about the Olympic Games.

9. _____

10 marks

10. _____

10 marks