



Furry Football Tournament



The British mammals have got together and set up a football tournament to see which mammals are the champions at football. They are divided into groups for the 'group stage'. After that they go into a knockout competition. **(Based on the Euro 2012 tournament.)**

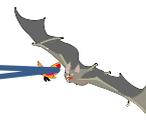
From the results below, can you fill in the table and then transfer the winners and runners-up to the knockout stages?

Group A			
Pipistrelle	1	Weasels	1
Hares	4	Polecats	1
Weasels	1	Polecats	2
Pipistrelle	1	Hares	1
Polecats	1	Pipistrelle	0
Weasels	1	Hares	0

Final Table - A	W	D	L	GD	Pts
Polecats	2	0	1	-1	6
Weasels (See below)	1	1	1	0	4
Hares	1	1	1	2	4
Pipistrelle	0	2	1	-1	2

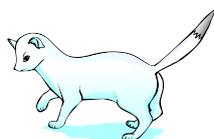


They don't call me the flying winger for nothing!



Group B			
Moles	0	Roe Deer	1
Stoats	1	Otters	0
Roe Deer	2	Otters	3
Moles	1	Stoats	2
Roe Deer	1	Stoats	2
Otters	2	Moles	1

Final Table - B	W	D	L	GD	Pts
Stoats	3	0	0	3	9
Otters	2	0	1	1	6
Roe Deer	1	0	2	-1	3
Moles	0	0	3	-3	0



Group C			
Badgers	1	Foxes	1
Grey Seals	1	Red Squirrels	3
Foxes	1	Red Squirrels	1
Badgers	4	Grey Seals	0
Red Squirrels	0	Badgers	1
Foxes	2	Grey Seals	0

Final Table - C	W	D	L	GD	Pts
Badgers	2	1	0	5	7
Foxes	1	2	0	2	5
Red Squirrels	1	1	1	1	4
Grey Seals	0	0	3	-8	0



I'm nuts about football!



Group D			
Pine Marten	1	Wildcats	1
Rabbits	2	Voles	1
Rabbits	0	Pine Marten	2
Voles	2	Wildcats	3
Wildcats	1	Rabbits	0
Voles	2	Pine Marten	0

Final Table - D	W	D	L	GD	Pts
Wildcats	2	1	0	2	7
Pine Marten	1	1	1	0	4
Rabbits	1	0	2	-2	3
Voles	1	0	2	0	3



I quite fancy some of these footballers; slowly roast, with rich gravy!



Which animal is missing from the pictures? **voles**

Now transfer the winners and runners-up to the quarter finals.



Quarter Finals:

1. Winner Group A	
Polecats	0
Otters	1
Runner-Up Group B	

2. Winner Group C	
Badgers	2
Pine Marten	0
Runner-Up Group D	



3. Winner Group B	
Stoats	4
Weasels (See below)	2
Runner-Up Group A	

4. Winner Group D	
Wildcats	3
Foxes	4
Runner-Up Group C	

Now transfer the winners to the semi-finals.



A. Winner Q.Final 1	
Otters	2
Badgers	4
Winner Q.Final 2	

B. Winner Q.Final 3	
Stoats	1
Foxes	2
Winner Q.Final 4	

Who's made it to the finals?

Winner Semi-Final A Badgers	4	Winner Semi-Final B Foxes	0
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Champions:	Badgers (Who else?)
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Now work out the following maths:



Join up the words below to their meanings:

- MEAN - The difference between the largest and smallest numbers
- MEDIAN - Number which occurs most often
- MODE - Average
- RANGE - The middle number of an ordered set of numbers

1. What is the modal number of goals scored in Group A? **1**
2. What is the average number of goals scored *per game* in Group B? (Round it.) **2.8 Round to 3**
3. What is the median figure for goals scored in Group C? **1 1 1 1 1 2 3 4**
4. What are the mean (average) *points* scored for teams in Group D? **4.25 (4 ¼)**
5. What is the range of scores for the foxes in all games? Include 0 **4 (0 to 4)**

6. What is the total number of goals scored by the badgers? **16**
7. What is the average of goals scored by the badgers per game? (Round it.) **2.6 rec. Rounded to 3**
8. What is the modal number for goals *scored* in the quarter finals? **1 2 2 3 4 (ignore 0)**
9. What is the average number of goals *per game*, in the quarter finals? **4**
10. Take the teams who made it to the quarter finals, semis and the final. Draw a tally chart and a block graph for the goals scored by each team.
11. Take the two finalists. Draw a comparative line graph to show the goals scored in each game they played.
12. Take the Grey Seals and the Badgers. Based on the goals scored in the games they played, what is the probability of each team scoring against your team in a match?
Seals: 1 0 0 so one in three. Badgers: 1 4 1 2 4 4 so 6 in 6 so 1 in 1. Certain!

Teachers: I am sure you can think of many more data handling exercises from these figures.

Note: The weasels went through to the quarter finals, rather than the hares, despite the hares better goal difference. It seems the rules of Euro 2012 state that: 'if 2 teams are equal on points, the first criterion, applied to separate the teams, is the winner of the game of the respective teams. If the teams had drawn and were still equal points, only then would it be decided by goal difference.' **If this was the World Cup they would have progressed instead of Greece. But the Euro uses a different ranking system. If two teams are tied, it's the head-to-head that talks.**