

YEARS FIVE AND SIX

THE OLYMPICS BEGAN THOUSANDS OF YEARS AGO IN ANCIENT GREECE.

Here are clues about an Olympic Games. You need to rank which are the most important clues. What do you need to know before you can work out the next clue? What calculations do you need to use to find your answer? Which clues are not useful and can be discarded?

YOUR TASK IS TO FIND OUT THE NUMBER OF RACES FOR EACH TYPE OF EVENT

I want to see you using CLEAR LOGICAL ORDER here.

Show me the order of clue-solving.

Show me the discarded pile of clues and finally, find the prime.

Show me how many cyclists there are and how many of them are boys.

CLUES:

A. THERE ARE DOUBLE THE AMOUNT OF SWIMMING RACES THAT THERE ARE THROWING RACES.	B.THERE IS ONE PRIME NUMBER IN THESE ANSWERS	C.A QUARTER OF THE RACES ARE SWIMMING RACES	D.RUNNING, JUMPING OR THROWING EVENTS CANNOT TAKE PLACE BAREFOOT	E. IN TOTAL THERE ARE 120 RACES.
F.THE RACES WHICH ARE NOT SWIMMING, RUNNING,JUMPING OR THROWING ARE CYCLING RACES	G.HALF OF THE RACES ARE RUNNING	H. THERE ARE MORE THROWING RACES THAN JUMPING RACES	I.TWO THIRDS OF THE CYCLING COMPETITORS ARE BOYS	J.10% OF THE RACES ARE JUMPING RACES

ANSWERS:

TOTAL RACES 120

HALF RACES= RUNNING= 60

QUARTER RACES SWIMMING = 30

10% (ONE TENTH) ARE JUMPING=12

DOUBLE AMOUNT OF SWIMMING RACES THAN THROWING= 15 THROWING

SO CYCLING MUST BE ALL OF THE ABOVE TOTALLED AND SUBTRACTED FROM 120

WHICH IS THREE SO TWO THIRDS OF 3 = 2 CYCLISTS WHO ARE BOYS