1) a) Amazon and Yangtze

b) 18 414km

c) 6650 (Nile) − 4350 (Mekong) = 2300km

d) Congo and Yangtze or Mekong and Nile

e) Mekong and Yangtze or Nile and Congo

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1) a) False. They would receive 11 points because 1550cm = 15.5m so it is more than 15m but less than 16m.

b) False. Any throw over 18m is awarded 14 points.

c) False. A throw of more than 17m but less than 18m is awarded 13 points. No half points are given.

d) True. If the throw is between 14m and 15m, they will receive ten points. If the throw is between 15m and 16m, they will receive eleven points. As they estimate the throw is between 14.8m and 15.2m, it could fall into either of the two ranges given.

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1) a)

Names	100m Sprint (In Seconds)	600m (In Seconds)	Total Time (In Seconds)
Bailey	17.93	109.03	126.96
Julia	14.46	111.72	**126.18**
James	**16.73**	115.94	132.67
Ola	15.09	**107.42**	122.51
George	**13.99**	121.56	135.55

b) 13.99 + 14.46 + 15.09 = 43.54
When rounded to the nearest whole second, this is 44 seconds.

c) Bailey, Julia, James and Ola

d) Julia and James have a combined 600m race time of 227.66 seconds.

e) Bailey, Ola and George have a combined total race time of 385.02 seconds, which is 385 when rounded to the nearest second.

2) Harry's sprint time should be lower than 17.93 and his 600m should be between 111.72 and 121.56.
Various answers are possible with a total of 135.55, for example:

100m – 17 seconds, 600m – 118.55 seconds

100m – 16 seconds, 600m – 119.55 seconds

100m – 15 seconds, 600m – 120.55 seconds

100m – 14 seconds, 600m – 121.55 seconds

100m – 14.55 seconds, 600m – 121 seconds