## Riddles - Read the following statement, then choose the correct answer from the four choices available.

1. Zachary often visits his cousin Jessica, who lives with her father Brandon. Anna is Brandon's sister.

Zachary is Anna's brother
Zachary is not Brandon's nephew
Zachary's mum or dad has the same parents as Brandon
Zachary is Brandon's son
2. Four children had a competition to see who could hold their breath underwater for the longest. Morgan lasted for 56 seconds, which was 4 seconds longer than Logan, and twice as long as Rachel. Jose lasted just 26 seconds. Jose lasted the shortest time.

Logan came second Morgan came second Jose came second
Rachel came second
3. Megan is Kahid's mother and James is Kahid's son. Gabrielle is Megan's sister.

Kahid is James' son
Megan is Kahid's cousin
Gabrielle is Kahid's nephew
Gabrielle is Kahid's aunt
4. George, Abhati and Molly were playing with a die, and taking turns to try to get the highest score. George scored more than Molly, who got an even number. Abhati scored an odd number but scored more than George.

George scored 2
Abhati scored 5
George and Molly's scores added together were less than Abhati's score
George scored 1
5. Ranjit, Alexis, Ethan and Abigail want to go online and buy X-Box points. They each have £32 to spend. X-Box points are sold in multiples of $£ 8$, so they can only buy $£ 8, £ 16, £ 24$ or $£ 32$ worth of points. Ranjit spends twice as much as Ethan, but half as much as Abigail. Alexis needs to keep £10 back for his sister's birthday so buys as many points as he can while keeping back £10.

Ethan spends $£ 24$
Alexis spends $£ 24$
Alexis spends $£ 16$
Ethan buys the most of all the children
6. Matthew's dad and Olivia's mum are brother and sister, and Andrew is Olivia's nephew. Hannah is Andrew's sister.

Matthew and Olivia are not cousins
Matthew and Olivia are brother and sister
Hannah is Olivia's niece
Hannah and Olivia are not related

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| Logan came second | $M$ | 56 | 5 | 26 |
| :--- | :--- | :--- | :--- | :--- |
| Morgancame second | $L$ | 52 |  |  |
| Jose came second | $R$ | 2 |  |  |
| Rachel came second | $R$ | 2 |  |  |

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