

Answer Key

1. Three. Two ducks are in front of the last duck; the first duck has two ducks behind; one duck is between the other two.

2. CABDE. Putting the first three in order, A finished in front of B but behind C, so CAB. Then, we know D finished before B, so CABD. We know E finished after D, so CABDE.

3. 40 socks. If he takes out 38 socks (adding the two biggest amounts, 21 and 17), although it is very unlikely, it is possible they could all be blue and red. To make 100 percent certain that he also has a pair of black socks he must take out a further two socks.

4. The number 8.

5. A calendar.