# Data Handling & Probability: Easy Practice Paper 4 Answers

| Q# | Answer | Explanation |
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| 1 | C | Find the strawberry bar and read across to the scale. The top of the bar is level with 8 ice creams. |
| 2 | D | Mint sold 12, so 4 more than mint is 12 + 4 = 16. The toffee bar is the one that reaches 16. |
| 3 | A | Read each bar and add them: 14 + 20 + 8 + 12 + 16 = 70 ice creams. |
| 4 | C | Tuesday has 4 whole circles and 1 half circle. The whole circles are 4 × 8 = 32 letters, and the half circle is 4 more, giving 32 + 4 = 36. |
| 5 | E | Thursday has 5 circles, which is 5 × 8 = 40 letters, and Wednesday has 2 circles, which is 2 × 8 = 16 letters. The difference is 40 − 16 = 24. |
| 6 | B | The range is the largest number take away the smallest. The largest is 71 and the smallest is 38, so the range is 71 − 38 = 33. |
| 7 | A | Add the numbers: 12 + 15 + 9 + 8 = 44. Then divide by how many there are: 44 ÷ 4 = 11. |
| 8 | D | Almost all of the counters are red, so a red one will probably be taken. It is not certain, because the blue counter could be taken instead, so the best word is likely. |
| 9 | B | There are 6 equal sections and 2 of them are Red. The probability is 2 out of 6, and 2 out of 6 simplifies to 1/3. |
| 10 | E | Everyone inside the Spanish circle learns Spanish, including the pupils in the overlap. That is 7 + 5 = 12 pupils. |
| 11 | C | Exactly one language means French only or Spanish only, so the overlap is left out. That is 9 + 5 = 14 pupils. |
| 12 | A | Thursday reaches 18°C and Wednesday reaches 11°C, so Thursday was 18 − 11 = 7°C warmer. |
| 13 | E | The walking slice fills half of the circle, so half of the class walk. Half is written 1/2. |

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| 14 | B | The mode is the size worn by the most pupils. Size 6 has the highest frequency, 11, so size 6 is the mode. |
| 15 | D | There are 5 + 3 + 4 = 12 beads and 4 of them are grey, so the probability is 4 out of 12. Dividing both numbers by 4 gives 1/3. |

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