|  |  |
| --- | --- |
| **Crack the Code** | **Mean from a Table** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | Find the mean test score.   |  |  | | --- | --- | | **Test Mark** | **Frequency** | | 7 | 6 | | 8 | 7 | | 9 | 5 | | 10 | 2 | | **B** | Find the mean goals scored.   |  |  | | --- | --- | | **Number of goals** | **Frequency** | | 0 | 4 | | 1 | 8 | | 2 | 5 | | 3 | 3 | |
| **C** | Find the mean age of the students.   |  |  | | --- | --- | | **Age (y)** | **Frequency** | | 11 | 6 | | 12 | 7 | | 13 | 8 | | 14 | 4 | | **D** | Find the mean number of pets.   |  |  | | --- | --- | | **Number of pets** | **Frequency** | | 0 | 11 | | 1 | 15 | | 2 | 3 | | 3 | 1 | |
| **E** | Find the mean shoe size.   |  |  | | --- | --- | | **Shoe size** | **Frequency** | | 4 | 3 | | 5 | 7 | | 6 | 6 | | 7 | 4 | | **F** | Find the mean age of the children.   |  |  | | --- | --- | | **Age (y)** | **Frequency** | | 6 | 1 | | 7 | 1 | | 8 | 3 | | 9 | 5 | |
| **G** | Find the mean number of children.   |  |  | | --- | --- | | **No. of children** | **Frequency** | | 0 | 5 | | 1 | 8 | | 2 | 11 | | 3 | 6 | | **H** | Find the mean test score.   |  |  | | --- | --- | | **Score** | **Frequency** | | 7 | 8 | | 8 | 7 | | 9 | 12 | | 10 | 3 | |
| **I** | Find an estimate of the mean.   |  |  | | --- | --- | | **Number of messages** | **Frequency** | | 0 - 4 | 5 | | 5 - 9 | 8 | | 10 - 14 | 4 | | 15 - 19 | 3 | | **J** | Find an estimate of the mean weight.   |  |  | | --- | --- | | **Weight (g)** | **Frequency** | |  | 2 | |  | 4 | |  | 3 | |  | 1 | |
| **K** | Find an estimate of the mean time.   |  |  | | --- | --- | | **Time (min)** | **Frequency** | |  | 4 | |  | 9 | |  | 0 | |  | 7 | | **L** | Find an estimate of the mean height.   |  |  | | --- | --- | | **Height (cm)** | **Frequency** | |  | 6 | |  | 6 | |  | 6 | |  | 2 | |
| **M** | Find an estimate of the mean cost.   |  |  | | --- | --- | | **Cost (p)** | **Frequency** | |  | 5 | |  | 8 | |  | 4 | |  | 3 | | **N** | Find an estimate of the mean weight.   |  |  | | --- | --- | | **Weight (g)** | **Frequency** | |  | 1 | |  | 3 | |  | 4 | |  | 2 | |
| **O** | Find an estimate of the mean length.   |  |  | | --- | --- | | **Length (cm)** | **Frequency** | |  | 15 | |  | 14 | |  | 11 | |  | 10 | | **P** | Find an estimate of the mean height.   |  |  | | --- | --- | | **Height (cm)** | **Frequency** | |  | 10 | |  | 16 | |  | 13 | |  | 11 | |
| Add together all your answers and round to the nearest integer to get the three-digit code. | | | |