1. Calculate the mean and standard deviation for these scores on a measure of hyperactivity among children:

X

|  |
| --- |
| 8 |
| 12 |
| 15 |
| 20 |
| 19 |
| 20 |
| 17 |
| 18 |
| 20 |
| 18 |

Tell me what the standard deviation tells you about the hyperactivity scores.

2. Calculate the mean and standard deviation for these scores on how often dogs beg at the table:

X

|  |
| --- |
| 4 |
| 3 |
| 5 |
| 8 |
| 7 |
| 2 |
| 1 |
| 3 |
| 3 |
| 5 |

Tell me what this standard deviation tells you about the frequency of begging.

ANSWERS:

1. On average, these children’s hyperactivity scores are 3.97 points from the mean of 16.7

2. On average, these dogs beg at the table 2.18 times from the mean of 4.1.