

35)

a.

stem	leaf
32	5 5
33	4 9
34	
35	9 9
36	3 4 4 6 9
37	0 3 3 4 5
38	9
39	2 3 4
40	2 3
42	4

• From the stem and leaf plot it can be seen that the mean will be less than median. This is because there are more higher-values when compared to smaller values.

b.

$$\begin{aligned}
 &389 + 356 + 359 + 363 + 375 + 429 + 325 + 391 + 402 + \\
 &373 + 373 + 370 + 361 + 366 + 364 + 325 + 339 + 398 + 392 + \\
 &369 + 374 + 359 + 356 + 403 + 334 + 397
 \end{aligned}$$

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$$= \frac{9638}{26} = 370.69$$