Quiz 16:

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15, 20, 10,78 Bubble Sort

15, 20, 70, 18 -> 15, 70, 20, 18 -> 15, 70, 18, 20

→ 10, 15, 18, 20 → (A)

2 maximum number of comparisons with 5 elements in array

 $(n-1) + (n-2) + \dots + 1 = \frac{n(n-1)}{2} \xrightarrow{n=5} \frac{5 \times 4}{2} = 70$ 

if sort of The collection wast case ING of the coll