Salary Inequity [Microsoft Python Interview Question]

Given a list of salaries, we'll define a metric called `inequity` which is the difference between max and min salary seen in the list:

$$\text{inequity} = \max(\text{input\_list}) - \min(\text{input\_list})$$

Write a function called `min_inequity` which takes in a list of salaries, and a value `n`, and returns the **minimum** inequity possible when taking `n` salaries from the full salary list.

If that was hard to understand, you're not alone – let's break it down with some examples.

Example #1:

```
salaries = [60000, 80000, 120000, 70000]
```

```
n = 2
```

The minimum inequity is $10,000, because $\max(60000, 70000) - \min(60000, 70000) = 10000$.

Example #2:

```
salaries = [60000, 80000, 120000, 70000]
```

```
n = 3
```

The minimum inequity is $20,000, because $\max(60000, 70000, 80000) - \min(60000, 70000, 80000) = 20000$.