

Algorithmics	Student information	Date	Number of session
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Escuela de
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Universidad de Oviedo



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Activity 1. MinimumPathsTimes

n	Time(ms)
200	192
400	1335
800	10790
1600	85543
3200	OoT

The times are coherent with an $O(n^3)$ complexity, the growth is not n^3 exactly but it does align well, as we are multiplying by 2 the n on each iteration, we expect the time to be multiplied by 8 each time, which it does with some error that is perfectly normal.