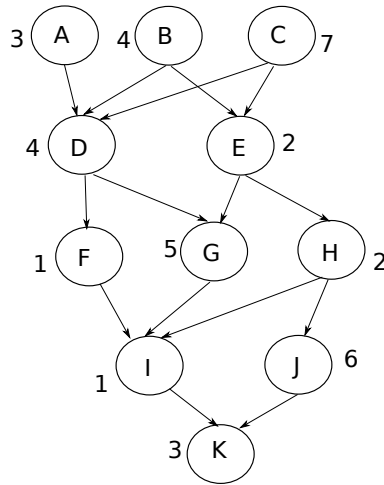Parallel Task Graphs and Metrics

1 Midterm Fall 2017
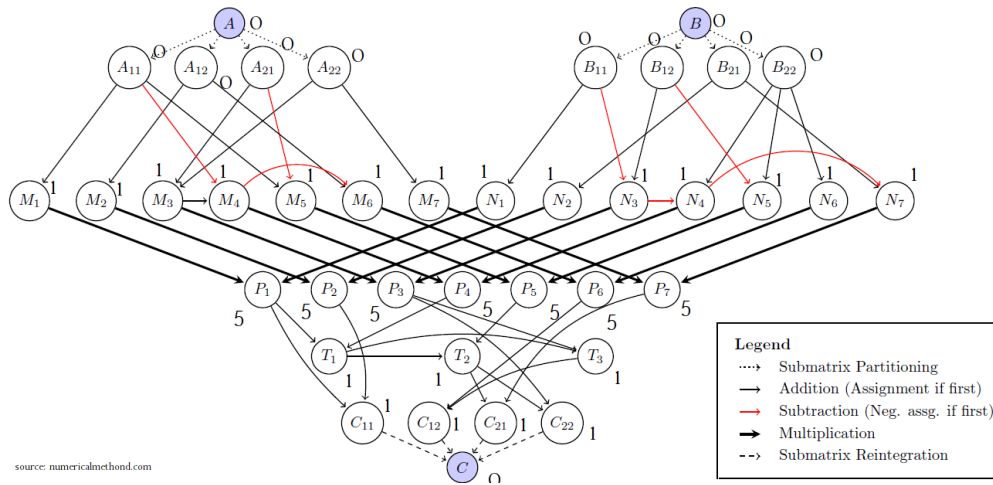

Question: What is the work of this task graph?
Question: What is the width of this task graph?
Question: What is the critical chain of this task graph? What is its length?
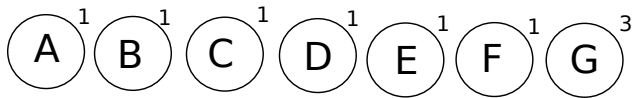
2 Strassen

Question: What is the work of this task graph?
Question: What is the width of this task graph? (Estimates are fine.)
Question: What is the critical chain of this task graph? What is its length?
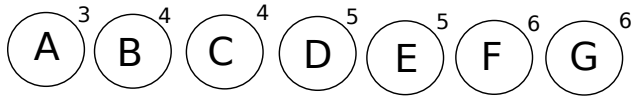
3 Independent Tasks 1

A(1) B(1) C(1) D(1) E(1) F(1) G(3)

Question: What is the work of this task graph?
Question: What is the width of this task graph?
Question: What is the critical chain of this task graph? What is its length?

4 Independent Tasks 2

A(3) B(4) C(4) D(5) E(5) F(6) G(6)

Question: What is the work of this task graph?
Question: What is the width of this task graph?
Question: What is the critical chain of this task graph? What is its length?