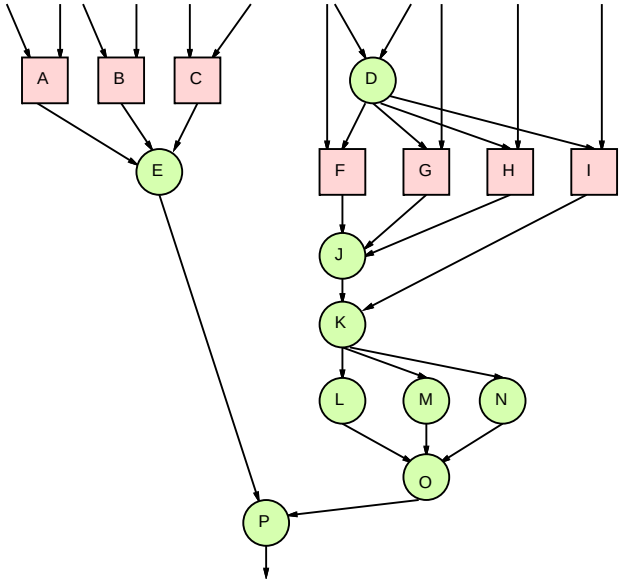
Consider the computation:



Assume:

- Both operations (green circle and pink square) take 1 unit of time to complete

1. How fast can you perform the computation using any number of units of each type?

2. What is the minimum number of units of each type necessary to achieve the bound above?

   green circles? pink squares?

3. How many cycles do you need to perform this computation with only one of each type of unit?

cycle	green circle	pink square
1		
2		
3		
4		
5		
6		
7		
8		

cycle	green circle	pink square
9		
10		
11		
12		
13		
14		
15		
16		