PERT charts exercises

(Student version – 2018 Week 18 Task - submission on Doubtfire by end of Sunday)

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## 1. Create a PERT chart using the following activity list

|  |  |  |  |
| --- | --- | --- | --- |
| **Letter** | **Activity** | **Duration** | **Predecessor** |
|  | Remove Internals | 3 | - |
|  | Install External Wiring | 4 | - |
|  | Install Internal Wiring | 3 | A |
|  | Construct Supports | 4 | A |
|  | Install Thermocouples | 5 | D |
|  | Install Heaters | 3 | A |
|  | Install New Tubes | 6 | D |
|  | Leak Test | 3 | F, G |
|  | Check Thermocouples | 3 | B, C, E |
|  | Insulate | 2 | H, I |
|  | Test Prototype at Temperature | 2 | J |

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## 2. Create a PERT chart using the following activity list

|  |  |  |
| --- | --- | --- |
| **Letter** | **Duration** | **Predecessor** |
|  | 10 | - |
|  | 20 | - |
|  | 2 | A |
|  | 3 | C |
|  | 2 | D |
|  | 29 | D |
|  | 44 | D |
|  | 2 | B, D |
|  | 6 | E, H |
|  | 5 | F |
|  | 1 | E, G, B |
|  | 6 | I, J |
|  | 2 | L |
|  | 1 | K, M |
|  | 4 | K, M |
|  | 1 | N |
|  | 1 | N, O |
|  | 1 | P, Q |

