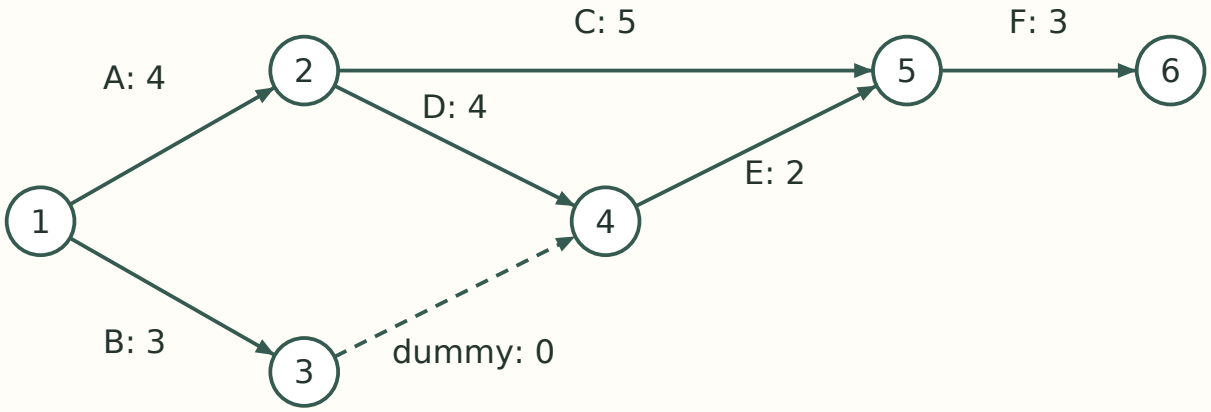
Dummy activities

Name: _____ Date: _____

6 questions | 13 marks

1. For the displayed network, state the duration and purpose of the dashed arrow. [2 marks]



Activity-on-arrow network; durations are in days.

2. A dummy joins an event reached at time 9 to an event otherwise ready at time 6. What is the earliest time of the receiving event? [2 marks]

3. P and Q start together. R follows P only, S follows Q only, and T follows both P and Q. Explain why one joint event for the ends of P and Q can be unsuitable. [3 marks]

4. A student gives a dummy a duration of 2 hours to represent administrative waiting. Is that still a dummy? [2 marks]

5. Can a dummy have a direct financial cost in this scheduling model? Explain. [2 marks]

6. A finishes at 5, B at 8, and C at 6. Task D requires all three and takes 4 days. Dummies are used to join the requirements. Find D's earliest finish. [2 marks]