CPA
Critical Path Analysis
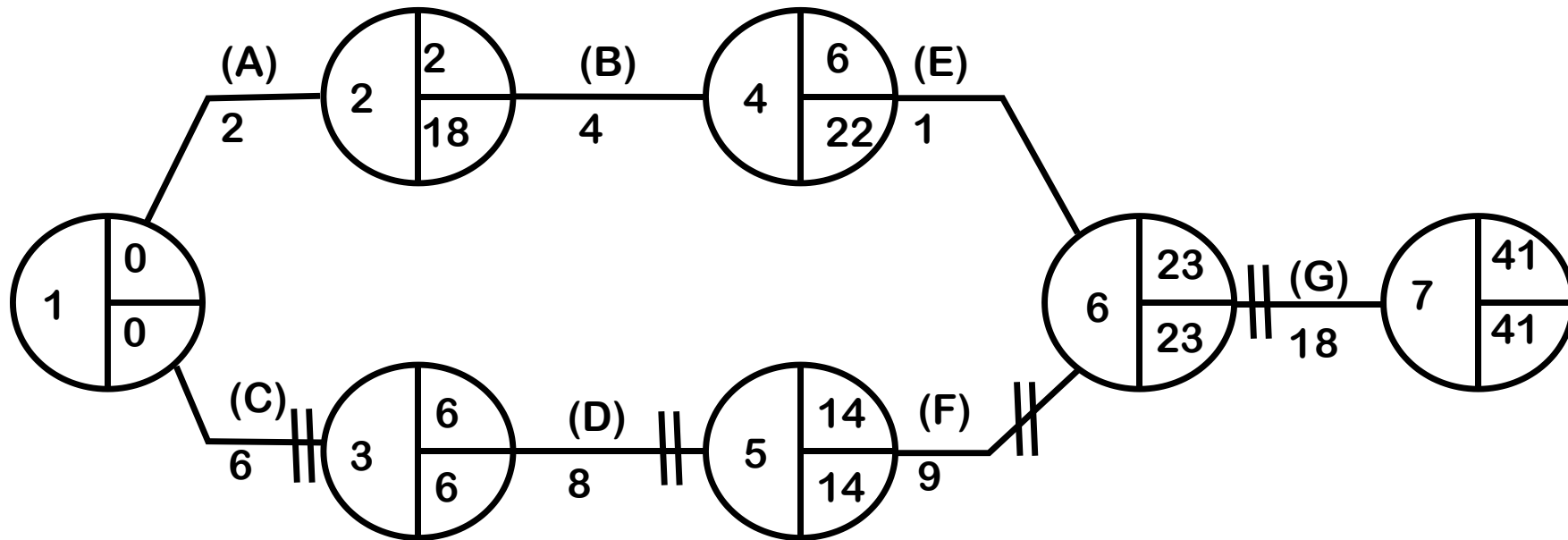
Answers

Answer to 'CPA walkthrough' on page 4
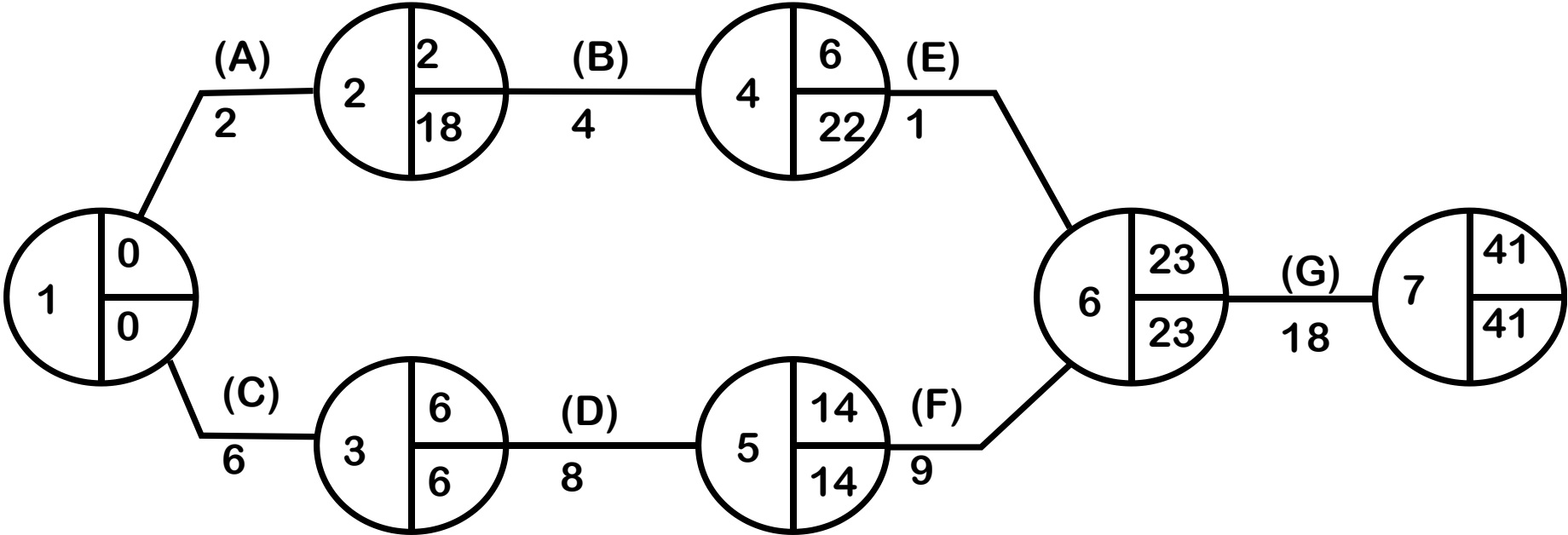
Answers

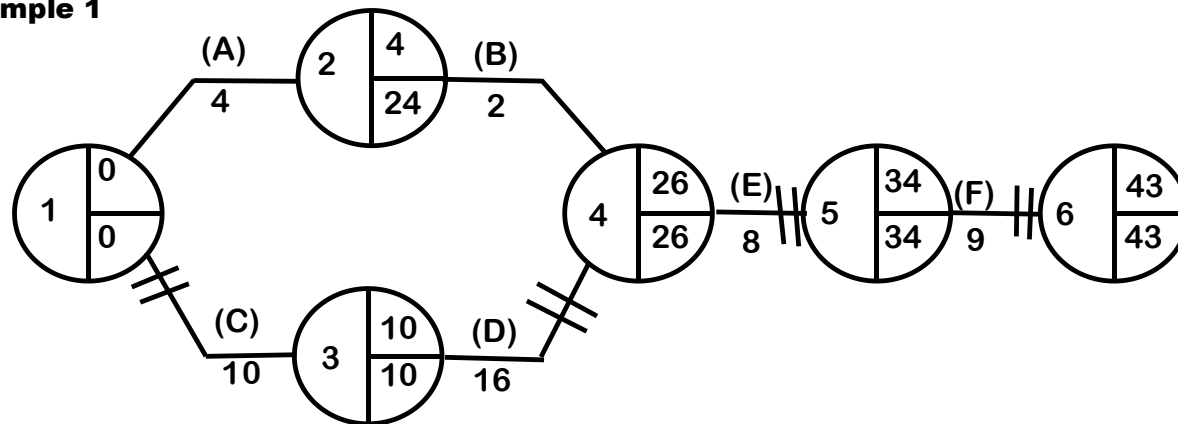# Answer to 'How to identify the critical path walkthrough' on page 5
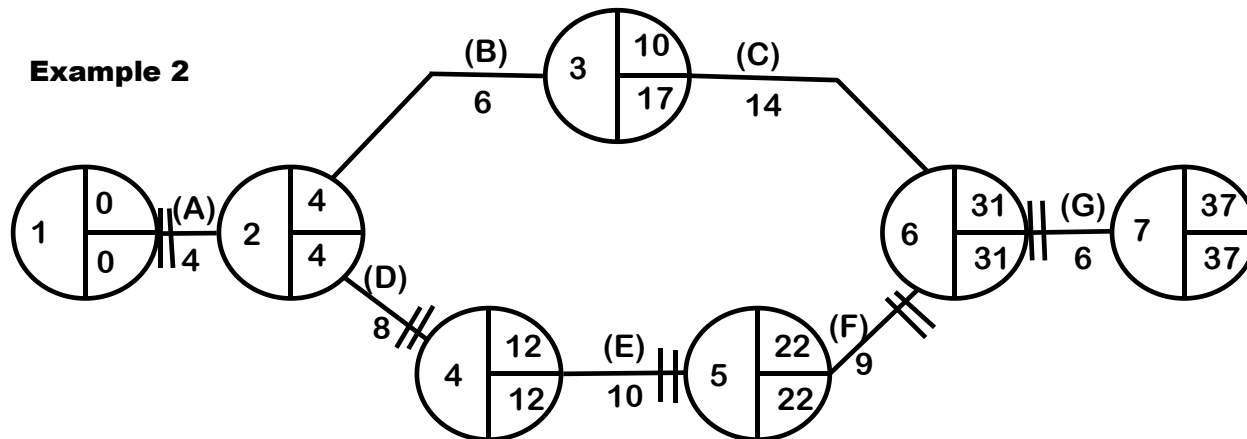
Answers to example questions

Example 1

Critical path in example 1 is:

C D E F

Total float time = 20

Activity A: 24 – 4 – 0 = 20

Example 2

Critical path in example 2 is:

A D E F G

Total float time = 7

Activity B: 17 – 6 – 4 = 7

Example 3

Critical path in example 3 is:

A B D E I

Total float time = 32

Activity F: 14 – 1 – 0 = 13

Activity C: 20 – 8 – 6 = 6

Activity G: 20 – 6 – 1 = 13

Example 4

Critical path in example 4 is:

A D F

Total float time = 1

Activity C: 6 – 5 – 0 = 1

Example 5

Critical path in example 5 is:

A C E F G

Total float time = 3

Activity B: 13 – 6 – 4 = 3
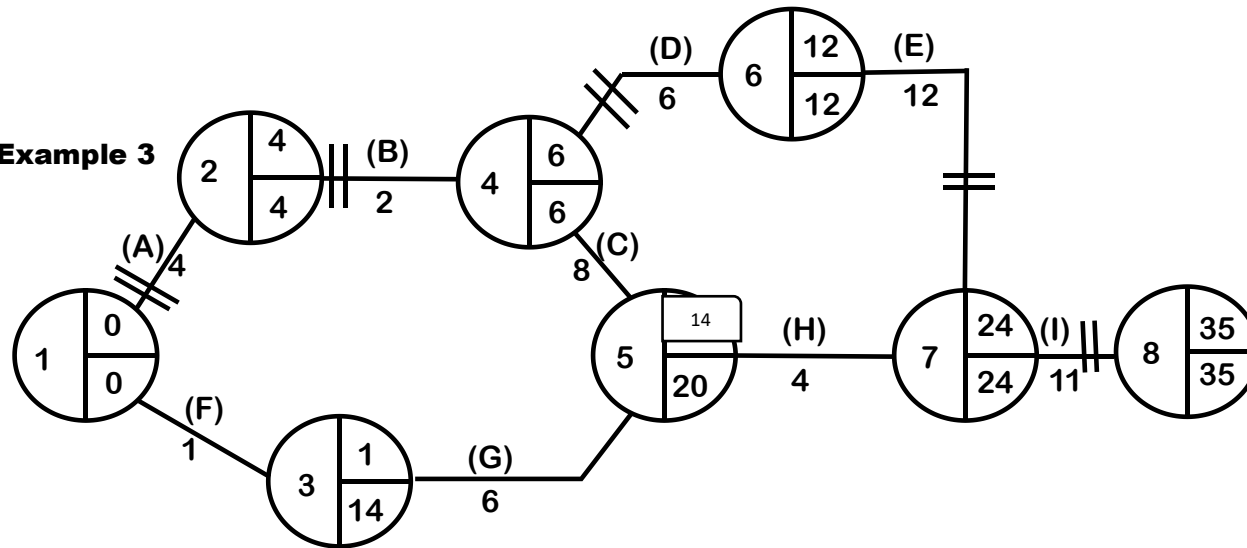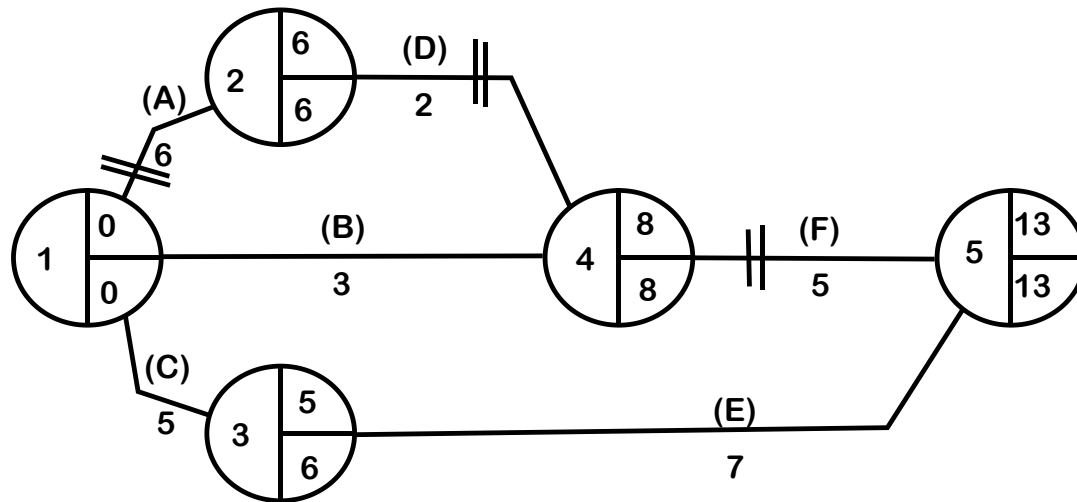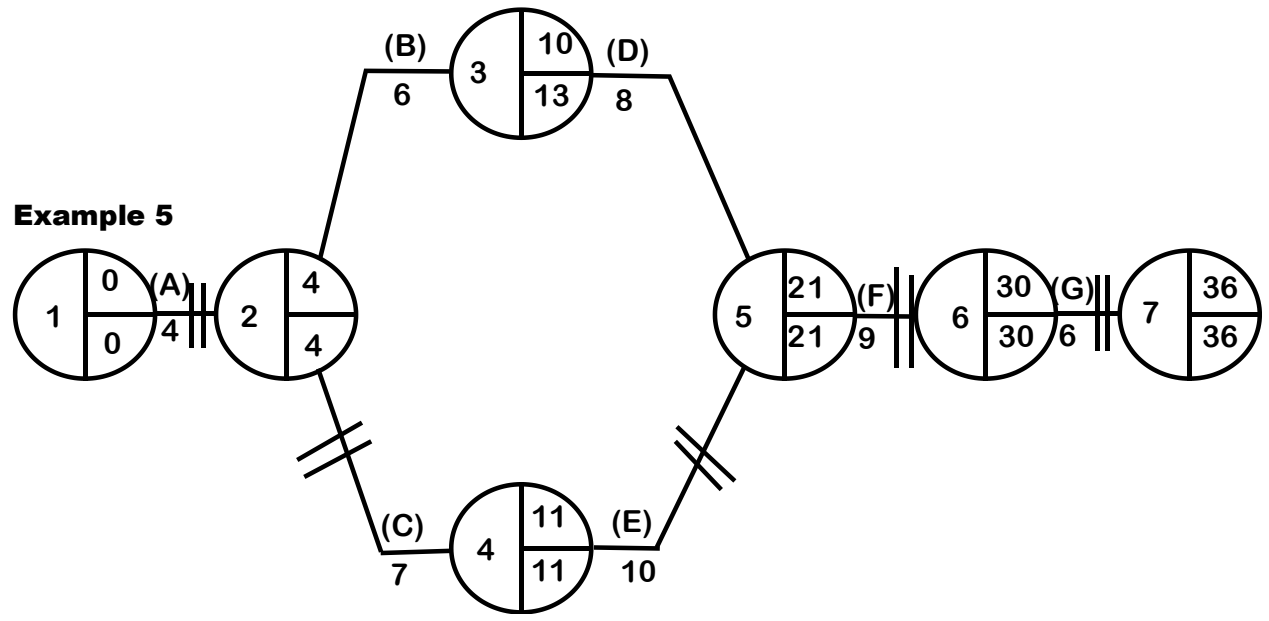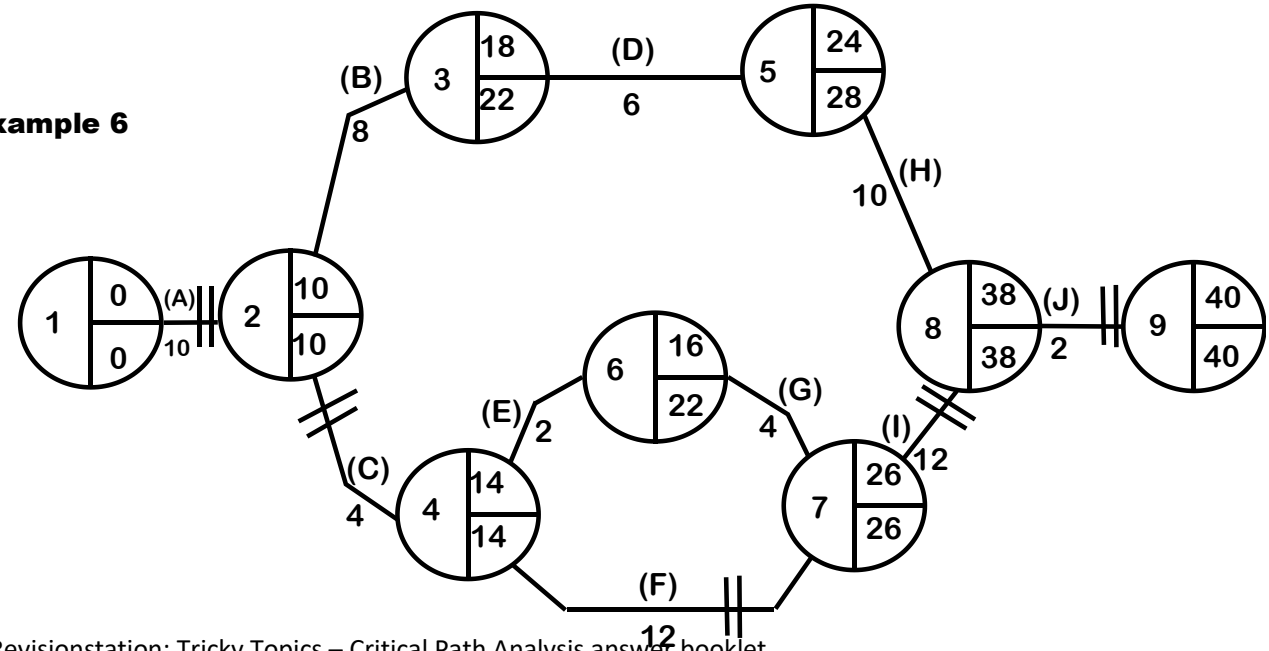
Example 6

Critical path in example 6 is:

A C F I J

Total float time = 14

Activity B: 22 – 8 – 10 = 4

Activity D: 28 – 6 – 18 = 4

Activity E: 22 – 2 – 14 = 6