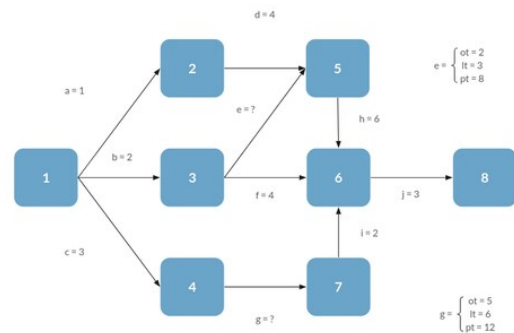


Week 5 Tuesday

1. Chapter 6 in Schwalbe discusses two techniques for shortening the duration of critical path activities, **crashing** and **fast tracking**. Describe both of them. You may use your notes or the book as a reference.

2. In the network diagram pictured here, use the optimistic, likely, and pessimistic values to calculate the PERT average for activities e and g. Answer in whole numbers only, round up or down depending on result. Copy and paste the answer below and replace the ?'s with the correct value.

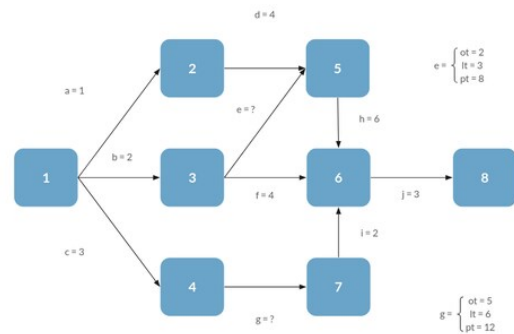


e=?, g=?

e=4, g=7

3. Which of the following represent the new critical path(s)?

- A c,g,i,j
- B b,f,j
- C a,j,h,j
- D b,e,h,j



4. Chapter 7 in Schwalbe discusses **five** costs that affect the cash flow of a project. What are they and what do they mean? You may use your notes or the book as a reference.