10. (5 pts) Consider the Distance Vector Example shown on the penultimate slide of the class notes set 4.3. The last entry of the new routing table for node J contains \([15, K]\). Briefly describe how this entry was computed.

Neighbors of J are A, I, H, K. Distance to L via A = 8 (J to A) + 29 (A to L) = 37
Distance to L via I = 10 (J to I) + 33 (I to L) = 43
Distance to L via H = 12 (J to H) + 9 (H to L) = 21
Distance to L via K = 6 (J to K) + 9 (K to L) = 15

Minimum is 15, so we route to L via K.