|  |  |
| --- | --- |
| Vertex List: A,B  Edge list: (A,B) | Vertex List: A, B, G  Edge list: (A,B),(B,G) |
| Vertex List: A,B,G,C  Edge list: (A,B),(B,G),(C,G) | Vertex List: A,B,G,C,D  Edge list: (A,B),(B,G),(C,G),(A,D) |
| Vertex List: A,B,G,C,D,E  Edge list: (A,B),(B,G),(C,G),(A,D),(C,E) | Vertex List: A,B,G,C,D,E,F  Edge list: (A,B),(B,G),(C,G),(A,D),(C,E), (E,F) |
| **Total Cost**: 4 + 4 + 3 + 7 + 8 + 6 = 32 | |

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| **Edge List: (D,G),(B,H),(B,F),(A,G),(B,C),(C,D),(H,J),(B,I),(E,I),(D,K)**  **Total Cost: 1+2+3+5+7+8+9+10+11+20 = 76** | |