

```
 $\beta = \text{BR}[4, \{-2, -3, -2, 1, -2, 1, -2, 1, 3, -2, 1\}];$   
{ $g = \text{EG}[\beta, \text{Labels} \rightarrow \text{True}, \text{GraphLayout} \rightarrow \text{Automatic}, \text{ImageSize} \rightarrow \text{Large},$   
 $\text{VertexCount} @ g - 1, \text{Length} @ \beta[[2]] \}$ 
```