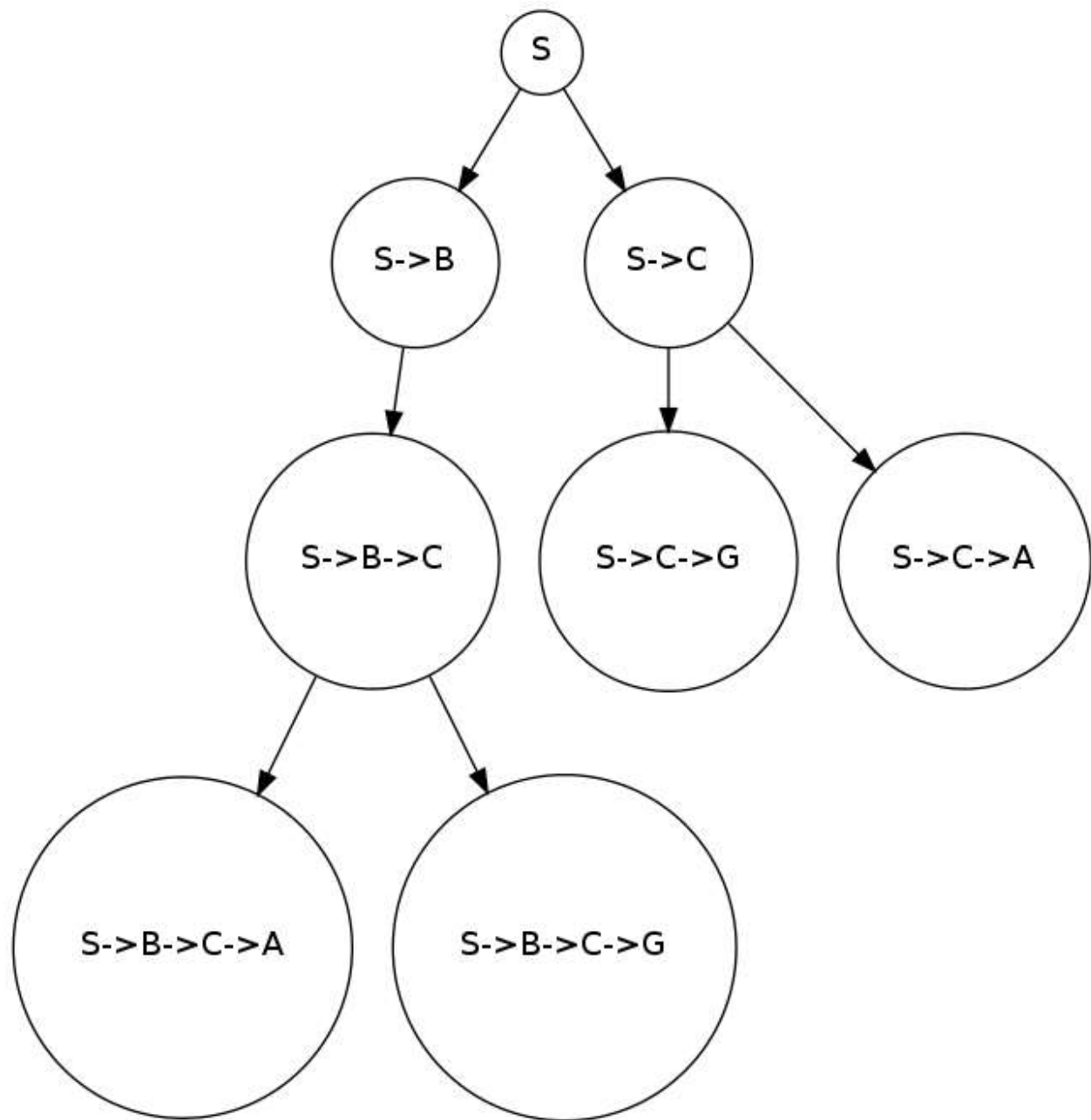# hw1_search_q1_search_trees
Question 1: Search Trees

0.0/6.0 points (graded)

How many nodes are in the complete search tree for the given state space graph? The start state is S. You may find it helpful to draw out the search tree on a piece of paper.
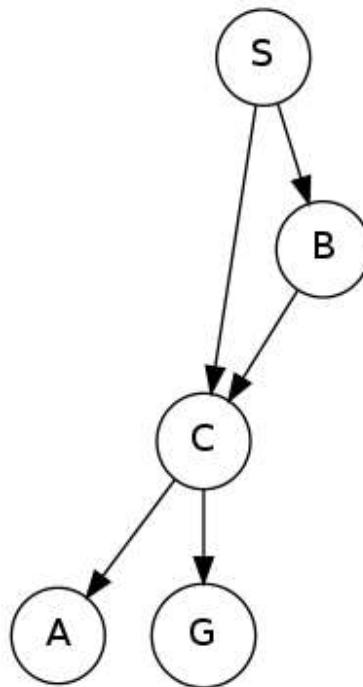
| 8 | | Answer: 8 |

8

The complete search tree would look like this.

```
                    ( S )
                   /     \
                  /       \
               ( S->B )  ( S->C )
                  |        |    \
                  |        |     \
            ( S->B->C ) ( S->C->G ) ( S->C->A )
               /    \
              /      \
    ( S->B->C->A )  ( S->B->C->G )
```

Submit