

[Course](#) > [Week 2](#) > [Lecture...](#) > Quiz 3: ...

Quiz 3: State Space Graphs and Search Trees (video)

Quiz 3: State Space Graphs and Search Trees

Lecture 2 Quiz 3 State Space Graphs and Search



PROFESSOR: Here's a quiz--
state graphs versus search
trees.

Here is a 4-state graph, tiny
little graph.

**The question for you is how
big is its search tree if we
expand the search**

tree starting at the current
state S?



0:10 / 0:15



1.0x



HD



Quiz 3: State Space Graphs and Search Trees (Quiz)

1/1 point (ungraded)

How many nodes are in the search tree for the state graph shown in the video above?

☐ 0

☐ 3

☐ 4

☐ 5

☐ 7

☐ 9

☐ 16

☐ 256

☒ ∞ (infinitely many) ✓

Submit

✓ Correct (1/1 point)