

Feedback — Exercise 2.1

You submitted this quiz on **Sun 13 Oct 2013 8:22 PM PDT (UTC -0700)**. You got a score of **10.00** out of **10.00**.

Consider the game description shown below.

```
role(white)
role(black)

base(p)
base(q)
base(r)
base(s)

action(a)
action(b)
action(c)
action(d)

init(s)

legal(white,a)
```

Question 1

(1 point) How many roles are there?

You entered:

Your Answer	Score	Explanation
2	✓ 1.00	
Total	1.00 / 1.00	

Question 2

(1 point) How many propositions are there?

You entered:

4

Your Answer		Score	Explanation
4	✓	1.00	
Total		1.00 / 1.00	

Question 3

(1 point) How many possible actions does white have?

You entered:

4

Your Answer		Score	Explanation
4	✓	1.00	
Total		1.00 / 1.00	

Question 4

(1 point) How many actions are legal for white in the initial state?

You entered:

Your Answer		Score	Explanation
3	✓	1.00	
Total		1.00 / 1.00	

Question 5

(1 point) How many propositions are true in the initial state?

You entered:

Your Answer		Score	Explanation
1	✓	1.00	
Total		1.00 / 1.00	

Question 6

(2 points) How many propositions are true in the state that results from white performing action a and black performing action d in the initial state?

You entered:

Your Answer		Score	Explanation
2	✓	2.00	
Total		2.00 / 2.00	

Question 7

(3 points) What is the minimum number of steps this game can take to terminate?

You entered:

6

Your Answer		Score	Explanation
6	✓	3.00	
Total		3.00 / 3.00	