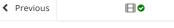
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Questions 2-3 ☐ Bookmark this page

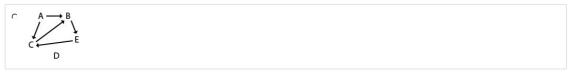
Question 2

1/1 point (graded)

Consider the following example of a graphs with five rooms:

```
(define H5
  (shared ((-A- (make-room "A" (list -B- -C-)))
               (-B- (make-room "B" (list -E-)))
(-C- (make-room "C" (list -B- -D-)))
(-D- (make-room "D" empty))
               (-E- (make-room "E" (list -C- -D-))))
```

Which of the following images correctly displays the data above?











Explanation

A has exits to both B and C B has an exit to E C has exits to both B and D D has no exits E has an exit to C abd D





1 Answers are displayed within the problem

Question 3

1/1 point (graded)



Which of the following data examples represent the graph shown above (select all that apply)?

```
(shared ((-0- (make-room "A" (list (make-room "B" (list (make-room "C" (list (make-room "D" (list -0-)))))))))
```

```
(define H4
     define H4

(shared ((-A- (make-room "A" (list -D-)))

(-B- (make-room "B" (list -A-)))

(-C- (make-room "C" (list -B-)))

(-D- (make-room "D" (list -C-))))
```

```
(define H4
 (shared ((-0- (make-room "A" (list (make-room "D" (list (make-room "C" (list (make-room "B" (list -0-)))))))))
```

```
V
              (define H4
                  (shared ((-A- (make-room "A" (list -B-)))

(-B- (make-room "B" (list -C-)))

(-C- (make-room "C" (list -D-)))

(-D- (make-room "D" (list -A-))))
```

```
V
                       define H4

(shared ((-0- (make-room "A" (list -1-)))

(-1- (make-room "B" (list -2-)))

(-2- (make-room "C" (list -3-)))

(-3- (make-room "D" (list -0-))))
```



Explanation

Just like we showed in the video, there are multiple ways to represent the same graph using shared.

Show

1 Answers are displayed within the problem



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