

1. Which problems did you work through? Tower of Hanoi, wolf, sheep and cabbage and entrapment

2. Which problem was the easiest to solve? Tower of Hanoi

3. Why was it easy to solve? It was just the easiest one for me to solve because I think it was the simplest to understand. I really struggled with all the rules in some of the problem solving activities.

4. What type of problem was it (see Kirkley, 2003 article pg. 8)? Explain.

It was a well-structured problem because it had a step by step solution that was predictable.

5. What strategy did you use to solve the problem? I placed the smallest circle on tower 3, the medium one on tower 2 and then moved the smallest from 3 to 2. After that, I put the largest circle on tower 3 and the smallest on tower 1 and then I was able to stack all 3 circles on tower 3.

6. How did you develop this strategy? I made the first move and the rest of it became obvious.

7. What declarative knowledge was needed to solve this problem? They had to be in order from largest (on the bottom) to smallest (on the top). You could not place a larger circle on a smaller circle.

8. What procedural knowledge was needed to solve this problem? The larger discs could not be stacked on top of the smaller ones.

9. Which problem was the most challenging for you to solve? Wolf, sheep and cabbage

10. Why was it difficult to solve? If I took the wolf, the sheep would eat the cabbage. If I took the cabbage, the wolf would eat the sheep.

11. What type of problem was it (see Kirkley, 2003 article pg. 8)? Explain. Moderately structured problems- Your explanations tell you to get them over to the other side but I didn't see anything that told about everything eating everything else. I may have overlooked it.

12. What strategy did you use to solve the problem? I took the sheep over, then the cabbage (I picked up the sheep again and took it back), then I got the wolf and brought it over and then brought the sheep over last.

13. How did you develop this strategy? Trial and error

14. What declarative knowledge was needed to solve this problem? Wolves eat sheeps and sheeps eat cabbage

15. What procedural knowledge was needed to solve this problem? You could only put one thing in the boat at a time.