

# ECOO Round 3 QUESTIONS

May 10, 2014

## Problem 2: Mothers and Daughters

### FIRST TRY

Suggested Marking Scheme

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Input file name: DATA21.txt

Award 10 marks for each exactly correct line. Deduct 10 marks one time if any spelling, punctuation or capitalization is not exactly correct.

If the solution is worth 100 points according to the above criteria, award 10 bonus marks for getting it right on the first try.

Cousins: 5, Sisters: 11  
Cousins: 44, Sisters: 4  
Cousins: 0, Sisters: 12  
Cousins: 0, Sisters: 12  
Cousins: 12, Sisters: 10  
Cousins: 19, Sisters: 14  
Cousins: 3, Sisters: 14  
Cousins: 3, Sisters: 3  
Cousins: 37, Sisters: 14  
Cousins: 12, Sisters: 4

# ECOO Round 3 QUESTIONS

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## Problem 2: Mothers and Daughters

### SECOND TRY

Suggested Marking Scheme

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Input file name: DATA22.txt

Award 10 marks for each exactly correct line. Deduct 10 marks one time if any spelling, punctuation or capitalization is not exactly correct.

Cousins: 0, Sisters: 17  
Cousins: 29, Sisters: 17  
Cousins: 5, Sisters: 12  
Cousins: 32, Sisters: 14  
Cousins: 54, Sisters: 2  
Cousins: 4, Sisters: 12  
Cousins: 10, Sisters: 1  
Cousins: 1, Sisters: 15  
Cousins: 72, Sisters: 14  
Cousins: 70, Sisters: 16