app4STATICS: Problem entry form

Step 1. Enter the topic and problem number.

TOPICS: | Cables ▼ | **PROBLEM NUMBER:** | 1

[ENTER problem selection] Cables_1

[LOAD existing problem]
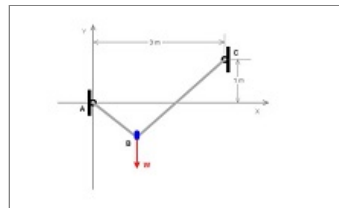
Step 2. Enter the problem statement.   Problem statement entered.

```
A load weighing W N is attached to a cable by a frictionless slide ring. The
cable is anchored at A and C. Its length is Lc meters.
(1) What is the equilibrium position of the ring, xB,yB?
(2) What is Tc, the tension in the cable, in N?
```

Step 3. Enter the instance variables.   Instance variables entered.

```
W,N,80,120,RU
Lc,m,4.5,6.0,RU
```

Step 4. Enter the answer variables.   Answer variables entered.

NOTE. For answer type 'fofx', enter 'avlbl:fofx:f(x):xs:xe', one vbl per line.

```
xB,yB
Tc
```

Step 5. Check the problem form data. [CHECK]   **SUBMIT to save problem data.**

Step 6. Submit the problem form. [SUBMIT]   **Cables_1 Setup successful.**

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