```
>> expt_1_b_1

a =
                      x1           x2           x3
           x1    -14.00000    -56.00000   -160.00000
           x2      1.00000            0            0
           x3            0      1.00000            0


b =
                      u1
           x1      1.00000
           x2            0
           x3            0


c =
                      x1           x2           x3
           y1            0      1.00000            0


d =
                      u1
           y1            0


num/den =

              s
   -------------------------
   s^3 + 14 s^2 + 56 s + 160
>>
```