

Worksheet 1

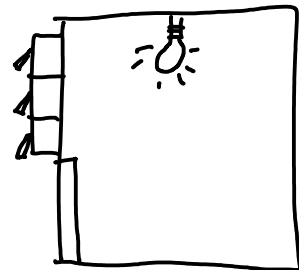
Tuesday, August 28, 2018 11:04 AM

- ① A man has 3 daughters
 The product of their ages is 36
 The sum of their ages is his house number
 His oldest daughter plays the piano.
 How old are the daughters?

Potential answers	Sum
2, 3, 6	11
3, 3, 4	10
1, 3, 12	16
1, 1, 36	38
1, 2, 18	21
1, 4, 9	14
2, 2, 9	13
1, 6, 6	13

there is no oldest daughter

- ③ A sealed room contains one light bulb
 There are 3 swi



② There are 3 boxes of candy

- One box contains mint
- one box contains chocolate
- one box contains both mint & chocolate.

All 3 are incorrectly labeled

What is the smallest number of candies that you need to