

THINK 10a

PS

Study this pattern: 2, 3, 5, 8, 13, 21, 34

This is called an adding pattern.

Complete these adding patterns:

- a) 7, 8, 15, _____, _____, _____, _____
- b) 6, _____, 9, _____, _____, _____, _____
- c) 2, _____, _____, _____, 34, _____, _____
- d) 10, 3, 13, 16, _____, _____, _____, _____
- e) 1, _____, _____, _____, 14, _____, _____, _____, 97
- f) 5, 12, 17, 29, _____, _____, _____, _____
- g) _____, _____, _____, _____, _____, 29, 47
- h) 3, _____, _____, 10, _____, _____

THINK 10b

Old McDonald raises goats and chickens. The animals have a total of 100 heads and 360 feet. How many goats and how many chickens does Old McDonald have? (Hint: You do NOT have to draw 100 heads! Use the knowledge you gained through solving Think 4, and THINK.) Show your work.