

## THINK 10a

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.