## **Tidying Up**

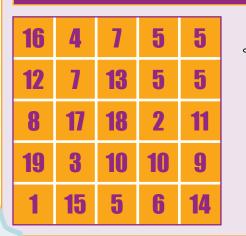
You need 🚺 a classmate

## Activity

 $(\mathbf{b})$ 

Gina and Puni are playing a compatible numbers game.

Compatible numbers add together to make tidy numbers such as 10, 20, 100, and 1 000. For example, 16 and 4 are compatible numbers because they add up to the tidy number 20.



Their rules:

- 🐨 Find as many pairs of numbers as you can in the grid that add up to the tidy number 20.
  - Check each other's compatible numbers.
  - You get a point for each correct compatible pair of numbers.
  - classmate finds in your pairs.

f.

Play Puni and Gina's game with a classmate.

Gina writes down pairs of compatible numbers that add up to 50:				
17 + 33	16 + 34	26 + 24	25 + 25	28 + 22
24 + 27	12 + 38	17 + 43	32 + 18	47 + 3

Puni checks Gina's pairs and finds two mistakes. Without completing the additions, see if you can find them. Explain to a classmate how you know they are mistakes.

Complete the compatible number equations below.

e.

- $22 + \Box = 100$ b. a.
- 48 + = 100 d.
- 84 + = 100  $65 + \square = 100$
- $63 + \Box = 100$ c.  $25 + \Box = 100$

4.

2.

3.

- 91 + = 100 h. 49 + = 100 g. What do you notice about compatible numbers that a. add up to 20, 50, or 100?
- b. Does the strategy for compatible numbers that add up to 100 work for numbers that add up to 1 000?

