

Resolving Differences

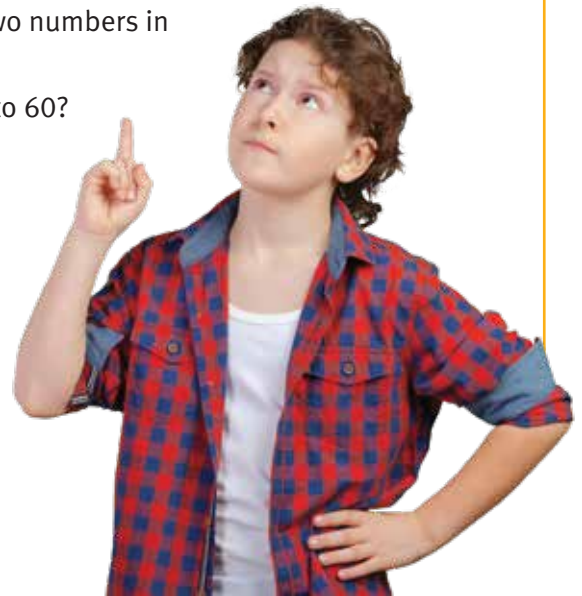
You need: a classmate

ACTIVITY

The difference between 4 and 7 is 3 because $4 + 3 = 7$ and $7 - 4 = 3$.

1. a. Using the numbers in the grid below, can you find pairs of numbers that have a difference of:
i. 10? ii. 1? iii. 2? iv. 5?
- b. What is the greatest difference between two numbers in the grid?
- c. What pairs of numbers in the grid add up to 60?

41	43	48
30	34	38
22	23	29
12	14	17



2. a. Multiply all the numbers in the grid by 2. Draw the new grid.
- b. Find pairs of numbers on the new grid that have a difference of:
i. 10 ii. 6 iii. 2
- c.



Is Hine right? Why?

3. a. Multiply all the numbers on the original grid by 10. Draw this new grid.
 - b. Find pairs of numbers on this new grid that have a difference of:
i. 100 ii. 50 iii. 20 iv. 10
4. With a classmate, talk about your answers to questions 1a and 3b. What do you notice? Why does this happen?