

2-70. See below:

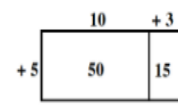
- a. Three ways: $(60 + 9)$ by 2, or $(40 + 6)$ by 3, or $(20 + 3)$ by 6 .
- b. The largest of the common factors, which in this case is 6.

2-71. See below:

- a. Four ways: $(40 + 32)$ by 1, $(20 + 16)$ by 2, $(10 + 8)$ by 4, $(5 + 4)$ by 8
- b. Eight ways: $(216 + 54)$ by 1, $(108 + 27)$ by 2, $(72 + 18)$ by 3, $(36 + 9)$ by 6, $(24 + 6)$ by 9, $(12 + 3)$ by 18, $(8 + 2)$ by 27, $(4 + 1)$ by 54

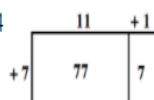
2-72. See below:

- a. Yes, see possible diagram at right.
- b. $5(10 + 3) = 50 + 15 = 65$

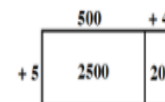


2-73. See generic rectangles below.

- a. Possible response: $7(1 + 11) = 7 + 77 = 84$



- b. Possible response: $5(500 + 4) = 2500 + 20 = 2520$



- c. Possible response: $3(200 + 6) = 600 + 18 = 618$

