

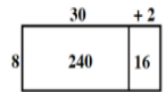
2-80. See below:

a. See diagram at right.

b. $8(32) = 240 + 16$

c. $8(32) = 8(30 + 2)$

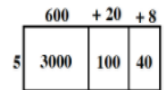
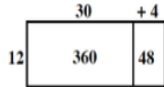
d. $8(32) = 256$



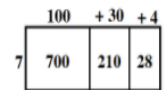
2-81. See generic rectangles below.

a. Possible response: $5(600 + 20 + 8) = 3000 + 100 + 40 = 3140$

b. Possible response: $12(34) = 360 + 48 = 408$



c. Possible response: $7(100 + 30 + 4) = 700 + 210 + 28 = 938$



2-82. See below:

a. Possible response: $5(6 + 9) = 30 + 45 = 75$

b. Possible response: $11(2 + 5) = 22 + 55 = 77$

c. Possible response: $4(500 + 12) = 2000 + 48 = 2048$

2-83. See below:

a. Possible response: The top rectangle shows $50(60 + 7)$ which is the Distributive Property for the first digit of the first factor and the second factor. The bottom rectangle shows $3(60 + 7)$, which is the second digit of the first factor and the second factor.

b. $50(60 + 7) = 3000 + 350$ and $3(60 + 7) = 180 + 21$, so that answer is $3350 + 201 = 3551$. $60(50 + 1) + 7(50 + 3)$ is also acceptable.

2-84. See below:

a. 1245

b. 14352

c. 9696

d. 9450