

3. More on Expanded form

Sometimes we write expanded form in this way:

$$425 = 400 + 20 + 5$$

But sometimes we write it as such:

$$425 = (4 * 100) + (2 * 10) + (5 * 1)$$

Some examples:

$$78 = (7 \times 10) + (8 \times 1)$$

$$549 = (5 \times 100) + (4 \times 10) + (9 \times 1)$$

$$2156 = (2 \times 1000) + (1 \times 100) + (5 \times 10) + (6 \times 1)$$

Some more examples:

$$(3 \times 10) + (6 \times 1) = 36$$

$$(5 \times 100) + (9 \times 10) + (6 \times 1) = 596$$

$$(3 \times 1000) + (6 \times 10) + (2 \times 1) = 3062$$

Some tricky examples:

$$(7 \times 1) + (6 \times 100) + (4 \times 10) = 647$$

$$(4 \times 10) + (6 \times 10) + (3 \times 1) = 103$$

$$(6 \times 1) + (3 \times 1) + (3 \times 10) + (6 \times 10) = 100$$