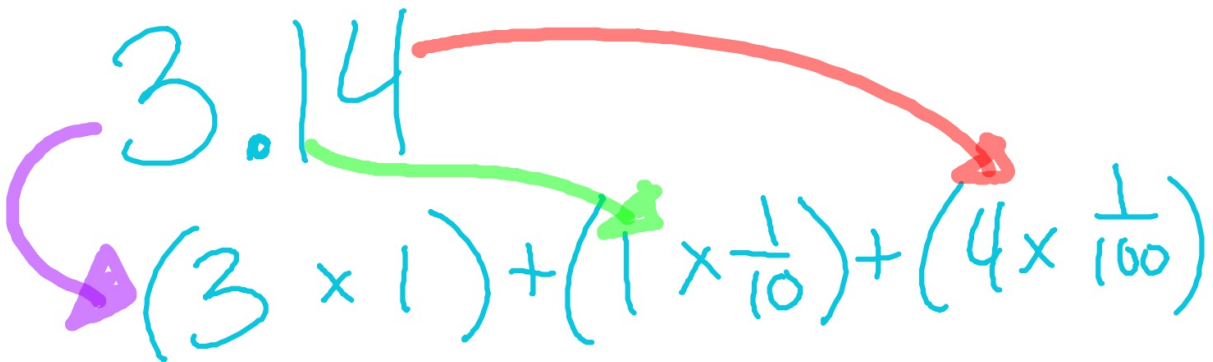
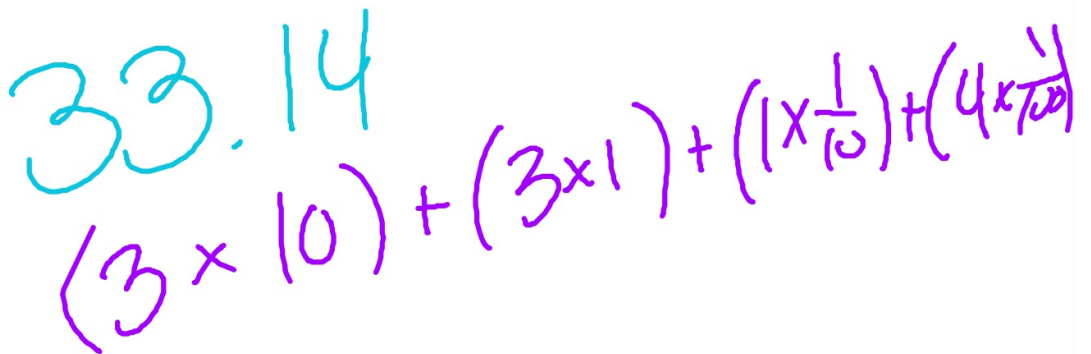


## L46 Expanded Notation for Decimal #

(digit  $\times$  place value)

$$314 \rightarrow (3 \times 100) + (1 \times 10) + (4 \times 1)$$


$$3.14 \rightarrow (3 \times 1) + (1 \times \frac{1}{10}) + (4 \times \frac{1}{100})$$


$$33.14 \rightarrow (3 \times 10) + (3 \times 1) + (1 \times \frac{1}{10}) + (4 \times \frac{1}{100})$$

$$(3 \times \frac{1}{10}) + (4 \times \frac{1}{1000})$$

0. 3 0 4

$$(4 \times 10) + (7 \times \frac{1}{100}) + (5 \times \frac{1}{100,000})$$

40. 0 7 0 0 5

multiply by 10; 100; 1000...  
mentally

$$4 \times 100 = 400$$

$$4 \times 100 = 400$$

$$4.0 \times \underline{100}$$

↳ 2 spaces right

~~4.00~~

$$2.5 \times 10$$

↳

2.5

$$25 \times \underline{100}$$

↳

25

46.

# 4-14, 16, 18, 20  
25 27 30

