

$$\begin{array}{r}
 4 \overline{) 58} \\
 \underline{4 } \downarrow \\
 18 \\
 \underline{16} \\
 20 \\
 \underline{20} \\
 0
 \end{array}$$

14.5 13 3 10.2
 $0.5 * 4$

Logical Operators

① AND

$$C = A \text{ AND } B$$

A	B	C
T	T	T
<u>F</u>	T	<u>F</u>
T	<u>F</u>	<u>F</u>
F	<u>F</u>	<u>F</u>

operator

T \rightarrow 1

F \rightarrow 0

AND \rightarrow *

operands

② OR

$$C = A \text{ OR } B$$

A	B	C
T	F	T
F	T	T
T	T	T
F	F	F

OR $\Rightarrow +$

T $\rightarrow 1$

F $\rightarrow 0$

$$1 + 1 = 1 \checkmark$$

③ NOT

It reverses
the logic

$x = \text{True}$

$y = \text{Not } x \quad // \text{ False}$