

2.6.

Nov. 14, 2006

Subtracting Integers

$$\left. \begin{array}{l} 8 - 5 = 3 \\ 10 - 3 = 7 \\ 25 - 15 = 10 \end{array} \right\} \begin{array}{l} 8 + ^{-}5 = 3 \\ 10 + ^{-}3 = 7 \\ 25 + ^{-}15 = 10 \end{array}$$

Subtracting a Number is
the Same as Adding the
Opposite.

$$a - b = a + ^{-}b$$

the Book way

$$\text{ex1} \quad 4 - 7 = 4 +^{-}7 = \underline{\underline{-3}}$$

Mr. G's
Shortcut

$$4 +^{-}7 = \underline{\underline{-3}}$$

$$\text{ex2} \quad 5 +^{-}2 = \underline{\underline{3}}$$

$$\text{ex3} \quad -7 +^{-}8 = \underline{\underline{-15}}$$

$$\text{ex4} \quad -9 +^{-}7 = \underline{\underline{-16}}$$

Mr. G's Short cut ...

Turn the minus to a plus

+ opposite of following term

$$-\left[\frac{-14 + (-3)}{\quad} \right]$$

$$-\left[-11 \right]$$

$$\frac{\quad}{\quad}$$

$$\underline{\underline{11}}$$

O.T.L.

① pg 51: Exp: 1-15 (all)

Turned in today

② pg 51: Written: 1-19 (odd)