

2.6.

Nov. 14, 2006

## Subtracting Integers

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

Subtracting a Number is  
the Same as Adding the  
Opposite.

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

the Book way.

$$\underline{\text{ex 1}} \quad 4 - 7 = 4 +^{-}7 = \underline{\underline{-3}}$$

Mr. G's  
Shortcut

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

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

$$\underline{\text{ex 3}} \quad -7 +^{-}8 = \underline{\underline{-15}}$$

$$\underline{\text{ex 4}} \quad -9 +^{-}7 = -16$$

Mr. G's Short cut ...

Turn the minus to a plus  
& opposite of following term

$$-\left[-14 + (+3)\right]$$

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

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

O.T.L.

① pg 51: Exp: 1-15 (all)

Turned in today

② pg 51: Written: 1-19 (odd)