Subtracting Integers: Level 2

1. Rewrite the following as addition problems, then compute.

a. $^{-}20 - 15 =$ **b.** $^{-}10 - {}^{-}45 =$ **c.** $25 - {}^{-}35 =$

2. Use the order of operations to compute the following. **Show your work.**

a. $^{-}24 \div (^{-}8 - 4) =$ **b.** $(^{-}16 - {}^{-}7) \bullet 2 =$

c. $^{-}14 \bullet (^{-}9 + 11) =$ **d.** $^{-}39 \div (6 - {}^{-}7) =$

e. $^{-}8 \bullet (^{-}5 - 9 \div {}^{-}3) =$ **f.** $(4 + {}^{-}7)^3 - 88 \div 8 =$

3. Let $a = 25$, $b = 10$, $c = {}^{-}5$, $d = {}^{-}100$. Start by rewriting each expression with the values replacing the variables, then compute using the order of operations. **Show your work.**

a. $a - c =$ **b.** $3c - (2a \div c) =$

c. $d \div 4(b + c) =$ **d.** $7(c + 4) - 2(c - a) =$

NAME: **TURN IN: TUES, 10/18**

Subtracting Integers: Homework

Compute the following. The letter of the exercise goes in the box that contains the answer. You must write your answers next to each problem <u>and</u> solve the puzzle.

B $6 \bullet (-9 + 7) =$

M $(-13 - -5) \div -4 =$

O $54 \div (-4 - 5) =$

E $(-42 \div 6) \bullet -8 =$

S $-13 - (-9 - 3) =$

R $(-64 \div -8) - 15 =$

● $16 - (-5 + 11) =$

W $-15 - (-3 + 9) =$

● $(-2 + -6) - 7 =$

H $-4 \bullet (-3 + -6) =$

N $(-4 - -15) + -2 =$

A $-9 \bullet (-9 + 16) =$

I $(-4 + -7) \bullet -3 =$

T $-40 \div (-7 - -12) =$

10	33	–15	–21	–63	9	–8	–15	–8	–6	–15	10
–12	56	10	2	–7	–15	–6	36	–63	–1	36	33