

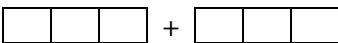

# INTEGER PRACTICE QUIZ

Victim: \_\_\_\_\_

1. Interpret each expression in terms of *gains* and *losses*. Then write in simplest form and evaluate. /25

<i>Expression</i>	<i>Interpretation in Terms of Gains and Losses</i>	<i>Simplified Form of Expression</i>	<i>Answer</i>
(a) $-1 - (-3)$	A <i>loss of 1</i> followed by a <i>gain of 3</i>	$-1 + 3$	2
(b) $(-6) + (+12)$			
(c) $(-1) + (-46)$			
(d) $(+18) - (+41)$			
(e) $48 - (-31)$			
(f) $-38 - 30$			
(g) $16 + (-19) - (-1)$			

2. Interpret each expression in terms of groups. Then represent the expression with a diagram and evaluate. /12

<i>Expression</i>	<i>Interpretation in Terms of Groups</i>	<i>Diagram</i>	<i>Answer</i>
(a) $2(-3)$	<i>Two groups</i> of $-3$	 $+ \square\square\square$	$-6$
(b) $3(2)$	<i>Three groups</i> of $2$	 $+ \square\square + \square\square$	6
(c) $(-1)(6)$			
(d) $(4)(-3)$			
(e) $-3(4)$			
(f) $-3(-2)$			

3. Interpret each expression in terms of groups. Then evaluate. /6

<i>Expression</i>	<i>Interpretation in Terms of Groups</i>	<i>Answer</i>
(a) $12 \div (-3)$	<i>How many groups</i> of $-3$ are there in 12?	$-4$
(b) $-6 \div 2$		
(c) $14 \div 7$		
(d) $-81 \div (-9)$		