

Revision sheet, primary (6)

Adding and subtracting integers

1) Complete

a) The additive identity in Z is

b) $9 + (-2) = (-2) + \dots\dots\dots$ “..... property”

c) The additive inverse of -8 in Z is

d) $(-7 + 2) + 3 = -7 + (\dots\dots\dots + 3)$ “..... property”

e) The additive inverse of $-|7|$ in Z is

f) $9 + 0 = \dots\dots\dots$ “..... property”

g) The additive inverse of 0 in Z is

h) $8 + (-8) = \dots\dots\dots$ “..... property”

i) The additive inverse of 9 in Z is

j) If $a + b = b$ then $a = \dots\dots$

k) if $a + (-b) = 0$ then $a = \dots\dots\dots$

2) Use the addition properties in Z :

a) $45 + 40 + 55$

b) $28 + (-16) + 38$

c) $14 + 100 + (-14)$

d) $115 + 390 + (-115) + (-390)$