**S1 Homework Exercise C ANSWERS**

1. A = 9 B = 4 C = -2

Find the value of ;

(a) A + B (b) B + C (c ) A – B (d) 2A + 3B (e) 5A – 4B

 13 2 11 3 0 29

1. A shopkeeper buys 5 crates of washing powder for £187.50

Find the cost of :

(a) 1 crate (b) 9 crates

 £37.50 £337.50

1. Solve the inequalities and choose the correct answers for each statement from the following list :

-1 0 1 2 3 4 5 6

(a) x > 5 6

(b) x < 2 -1 0 1

(c) 3x ≤ 3 -1 0 1

(d) 2x ≥ 6 3 4 5 6

1. Aidan bought a tent for £45.

 He sold it to for 55.50 .

 What was his profit ? £10.50

1. Use the rule : **P = 5W – 3** to find the value of P when :

(a) W = 4 (b) W = 0 (c ) W = -7

 17 -3 -38

1. Simplify :

(a) 3xy + 10mn – 2xy + 7mn xy + 17mn

(b) 10x -2b +23 –5b-3x –7 7x – 7b + 16