**Math 7**

**Winter Student**

**Enrichment Packet**

***ANSWER KEY***



PRINCE GEORGE’S COUNTY PUBLIC SCHOOLS

Office of Academic Programs

Department of Curriculum and Instruction

**™**

**Math 7 Winter Enrichment Choice Board**

**Answer Key**

**Activity 1**

See activity directions and rubric.

**Activity 2**

3,760 + 2,301 + 1,855 = 7,916 total box tops

3760/7916 = 47.5 percent 2301/7916 = 29.1 percent 1855/7916 = 23.4 percent

To have the money reflected of the number of the box tops collected, the money should be split this way:

Class X: 600 x 0.475 = $285

Class Y: 600 x 0.291 = $174.60

Class Z: 600 x 0.234 = $140.40

**Activity 3**

See activity directions and rubric.

**Activity 4**

Student answers will vary. See activity directions and rubric.

**Activity 5**

1. Balance after one month: 3.45 (4.20 – 3.45 = 0.75 monthly charge)

Balance after two months: 3.45 – 0.75 = 2.70

Balance after three months: 2.70 – 0.75 = 1.95

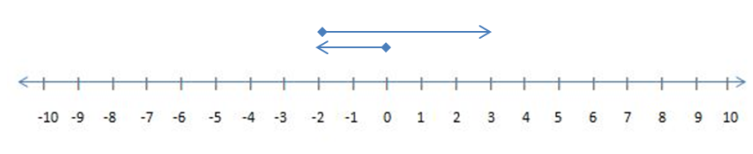
2. 3 month balance: 1.95. 1.95 – 0.75 = 1.20 (balance after 4 months)

1.20 – 0.75 = 0.55 (after 5 months)

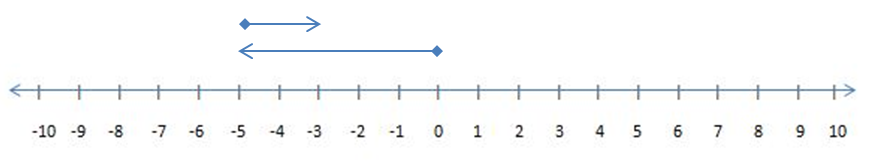
0.55 – 0.75 = -0.20 (zero balance after 6 months and card is deactivated)

**Activity 6**

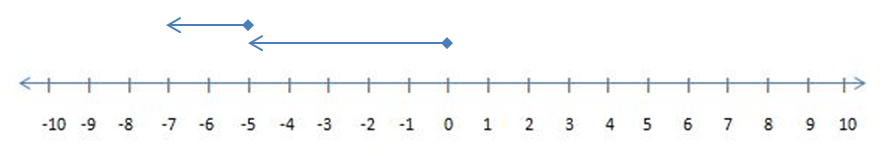
**1.** (-2) + 5 = 3



**2.** (-5) + 2 = -3



**3.** (-5) + (-2) = -7



**Activity 7**

Student answers will vary. See activity directions and rubric.

**Activity 8**

Puzzle Time answer: *THE CLOCK IN THE CAFETERIA THAT WAS SLOW BECAUSE EVERY DAY AT LUNCH IT WENT BACK FOR SECONDS*.

**Activity 9**

Student answers will vary. See activity directions and rubric.