Case #1

A(25) B(20) C (10)

1. 22

2. 43

3. 73->Box #1 Drops->51

4. 72->Box #2 Drops->51

5. 7

6. 12

7. 73->Box #3 Drops->43

8. 65->Box #4 Drops->44

9. 74->Box #7 Drops->52

10. 11

11. 22

12. 30

13. 37

14. 39

15. 50->Box #5 Drops->43

16. 48->Box #6 Drops->43

Case #2

A(20) B(10) C (30)

1. 30

2. 29

3. 36

4. 12

5. 43 Box # 4 drops -> 43

6. 21 Box # 3 drops ->21

7. 12

8. 6

9. 31

10. 15 Box # 1 drops ->44

11. 25 Box # 2 drops ->40

12. 21 Box # 6 drops ->52

13. 30 Box # 9 drops ->51

14. 31 Box # 12 drops ->61 Box # 13 drops ->31

15. 20 Box # 10 drops -> 45

16. 19 Box # 11 drops -> 39

17. 11 Box # 5 drops of ->29

Case #3

A(15) B(20) C(10)

1. 18

2. 12

3. 29

4. 14

5. 15

6. 15

7. 11

8. 21

9. 20 Box # 3 drops ->41

10. 15 Box # 2 drops ->40

11. 10 Box # 1 drops ->40

12. 13 Box # 4 drops ->39

13. 18 Box # 8 drops ->38

14. 38 Box # 7 drops ->66 Box# 10 drops ->51

Case #4

A(10) B(20) C (30)

1. 8

2. 20

3. 13

4. 33

5. 44

6. 49->Box #1 Drops->41

7. 22

8. 56->Box #2 Drops->44

9. 94->Box #4 Drops->81->Box #5 Drops->70

->Box #6 Drops->65->Box #8 Drops->50

10. 55

11. 26

12. 39

13. 60->Box #3 Drops->47

14. 65

15. 62->Box #11 Drops->49

16. 80->Box #9 Drops->30

17. 67->Box #12 Drops->54

18. 52

Case #5

A (15) B (10) C (5)

1. 7
2. 18
3. 8
4. 20
5. 101 -> Box 4 Drops Off A -> 81 -> Box 5 Drops Off A -> 0
6. 29
7. 35
8. 44
9. 17
10. 16
11. 53 -> Box 1 Drops Off -> 46
12. 49
13. 61 -> Box 3 Drops Off -> 53 -> Box 10 Drops Off -> 45
14. 56
15. 65

Case #6

A (5) B (10) C (15)

1. 7
2. 11
3. 9
4. 31
5. 19
6. 17
7. 107 -> Box 1 Drops Off -> 100 -> Box 6 Drops Off -> 90 -> Box 7 Drops Off -> 0
8. 121 -> Box 2 Drops Off -> 110 -> Box 4 Drops Off -> 90 -> Box 8 Drops Off -> 0
9. 30
10. 39
11. 48
12. 23
13. 28
14. 63 -> Box 3 Drops Off -> 54 -> Box 5 Drops Off -> 44