**ANSWER KEY**

**Summer Math Reinforcement Packet Students Entering into 4th Grade**

1. 8, 32, 22, 10, 6, 35, 30, 48, 18, 20, 36, 15, 0

 9, 45, 14, 25, 28, 40, 24, 10, 55, 3, 20, 16, 44

30, 32, 12, 12, 27, 20, 36, 15, 21, 16, 18, 12, 24

1. D
2. D
3. C
4. B
5. B
6. D
7. C
8. B
9. D
10. C
11. B
12. B This does not have to be divided. All even numbers can be divided evenly into 2 groups.
13. A
14. C
15. a. A They should line these up vertically with 82 on top and 65 underneath. The 2 is larger than 5 so you have to borrow from the ten’s. 7 ~~82~~12 (Bottom bigger better borrow)

- 65

b. C

1. a. B b. B
2. A
3. B
4. C
5. A
6. C
7. A
8. B
9. A
10. C
11. C
12. B
13. D
14. C
15. B
16. C
17. C
18. B
19. C
20. B
21. D
22. C
23. A
24. C 4 x 10 = 40 just like in the statement above
25. B
26. A
27. C
28. D
29. A

46. a. >, b. <, c. >, d. =, e. <

1. A
2. C
3. D
4. C
5. A
6. C
7. 7 days, 60 minutes, 16 ounces

12 months, 12 inches, 60 seconds

24 hours, 3 feet, 52 weeks

1. B
2. D
3. C
4. B
5. B
6. C
7. B
8. C Convert the feet to inches to compare easily
9. D Convert the feet to inches to compare easily
10. They should know the answer to each of these

quickly ( within 3 seconds each). Practice the ones that are a little more difficult or take longer to figure out. The better they know their multiplication facts the better they will be at learning division next year.

72, 42, 50, 14, 54, 49, 24, 24, 45, 56, 27, 77,35

54, 18, 42, 44, 30, 48, 36, 64, 80, 18, 56, 28, 63

12, 36, 81, 48, 16, 18, 63, 56, 0, 24, 40, 36, 36

1. C, A
2. A

66. B

1. C
2. A
3. A
4. C
5. C See terms 12 + 6 + 12 + 6 = 36
6. B See terms 6 x 12 = 72 cm2
7. D

74. 19, 27, 28, 38, 50, 32, 64

1. D
2. B
3. A
4. B
5. A
6. B
7. C
8. C
9. D
10. B
11. C
12. C

87. 3000 + 400 + 2

5000 + 300 + 20 + 5

1. C
2. C
3. A a circle has 0 sides, triangle has 3 sides and pentagon has 5 sides
4. A
5. D
6. B, C, B
7. D
8. D
9. C

97. B , B Mean = 5 + 45 + 28 + 55 = 133 ÷ 4

= about 33

1. B

99. 24, 64, 14

18, 25, 54

40, 4, 12

8, 49, 8 For division think of multiplication fact families

8, 9, 24

5, 16, 56

8, 9, 24

24, 36, 9

* 1. Multiply 5 x 8 then add the 2 zeros to the

answer. 5 x 8 = 40 (then add 00) so 4,000

* 1. B 5 x 4 = 20 so 3 children will have to wait for the next ride.
	2. ²⁄ is placed the 2nd mark to the right of the 0.

 ⁄ is placed on the next mark over, convert to¾.

¼ is placed on the 1st mark to the right of the 0.

* 1. is placed on the 4th mark to the right.

¾ is placed on the 6th mark to the right.

¼ is placed is placed on the 2nd mark to the right.

* 1. C, A
	2. C

106. 9, 18, 63, 12

48, 4, 24, 81

8, 49, 8, 0

8, 3, 21, 49

1. C
2. D, C
3. 90 Sq. ft. Area = 10 ft. x 9 ft.
4. Check with a calculator. They should be able to

answer each problem very quickly. Complete page in about 5 - 6 minutes.

1. B
2. C
3. C Think in quarters .75 is ¾ of a dollar
4. D Think in quarters
5. B
6. B 6 + 6 + 5 + 5 = 22 add all 4 sides
7. Same as #110.

118. .4, .8, .23, .56, .08, .5, .66, .2

119. 614, 683, 53, 24, 539, 21, 291

35, 15, 82, 6.0, 10.1, 2.4, 2.2

1.86, 467, 167, 159, 7.48, 19.78, 4.2

1. Four tenths = .4

Eight hundredths = .08 64 hundredth = .64

3 tenths = .3

1. Eight tenth = 8/10 = .8

Twenty-seven hundredths = 27/100 = .27 Five hundredths = 5/100 = .05

Five tenths = 5/10 = .5

1. 122. B
2. 123. A
3. 124. C

125. 365,243

126. 3,532

127. 5,203

128. 8,000 + 300 + 20 + 5

129. 6,000+ 20 + 3