

ANSWERKEY

Summer Math Reinforcement Packet Student s 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

2. D

3. D

4. C

5. B

6. B

7. D

8. C

9. B

10. D

11. C

12. B

13. B This does not have to be divided. All even numbers can be divided evenly into 2 groups.

14. A

15. C

16. 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.

$$\begin{array}{r} 82 \\ - 65 \\ \hline \end{array}$$

b. C

17. a. B b. B

18. A

19. B

20. C

21. A

22. C

23. A

24. B

25. A

26. C

27. C

28. B

29. D

30. C

31. B

32. C

33. C

34. B

35. C

36. B

37. D

38. C

39. A

40. C $4 \times 10 = 40$ just like in the statement above

41. B

42. A

43. C

44. D

45. A

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

47. A

48. C

49. D

50. C

51. A

52. C

53. 7 days, 60 minutes, 16 ounces
12 months, 12 inches, 60 seconds
24 hours, 3 feet, 52 weeks

54. B

55. D

56. C

57. B

58. B

59. C

60. B

61. C

Convert the feet to inches to compare easily

ly

62. D

Convert the feet to inches to compare easily

ly

63. 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

64. C, A

65. A
 66. B
 67. C
 68. A
 69. A
 70. C
 71. C See terms $12+6+12+6=36$
 72. B See terms $6 \times 12 = 72 \text{ cm}^2$
 73. D
 74. 19, 27, 28, 38, 50, 32, 64
 75. D
 76. B
 77. A
 78. B
 79. A
 80. B
 81. C
 82. C
 83. D
 84. B
 85. C
 86. C
 87. $3000+400+2$
 $5000+300+20+5$
 88. C
 89. C
 90. A
 a circle has 0 sides, triangle has 3 sides and pentagon has 5 sides
 91. A
 92. D
 93. B, C, B
 94. D
 95. D
 96. C
 97. B, B Mean = $5+45+28+55 = 133 \div 4$
 = about 33
 98. B
 99. 24, 64, 14
 18, 25, 54
 40, 4, 12
 8, 49, 8
 For division think of multiplication families
 8, 9, 24
 5, 16, 56
 8, 9, 24
 24, 36, 9

100. Multiply 5×8 then add the 2 zeros to the answer. $5 \times 8 = 40$ (then add 00) so 4,000
 101. B
 $5 \times 4 = 20$ so 3 children will have to wait for the next ride.
 102. $\frac{2}{4}$ is placed the 2nd mark to the right of the 0.
 $\frac{1}{4}$ is placed on the next mark over, convert to $\frac{3}{4}$.
 $\frac{1}{4}$ is placed on the 1st mark to the right of the 0.
 103. is placed on the 4th mark to the right.
 $\frac{3}{4}$ is placed on the 6th mark to the right.
 $\frac{1}{4}$ is placed on the 2nd mark to the right.
 104. C, A
 105. C
 106. 9, 18, 63, 12
 48, 4, 24, 81
 8, 49, 8, 0
 8, 3, 21, 49
 107. C
 108. D, C
 109. 90 Sq. ft. Area = 10 ft. \times 9 ft.
 110. Check with a calculator.
 They should be able to answer each problem very quickly. Complete page in about 5-6 minutes.
 111. B
 112. C
 113. C Thinking quarters. 75 is $\frac{3}{4}$ of a dollar
 114. D Thinking quarters
 115. B
 116. B $6+6+5+5=22$ add all 4 sides
 117. 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
 120. Four tenths = .4
 Eight hundredths = .0864
 hundredth = .64
 3 tenths = .3
 121. Eight tenths = $8/10 = .8$
 Twenty-seven hundredths = $27/100 = .27$ Five hundredths = $5/100 = .05$
 Five tenths = $5/10 = .5$
 122. 122. B
 123. 123. A
 124. 124. C
 125. 365, 243
 126. 3, 532
 127. 5, 203
 128. $8,000+300+20+5$
 129. $6,000+20+3$