

5th Grade Math
Study Guide Test 2 - Multiplication

Name: _____

Date: _____

1. Write the factors of 28.
2. Write the factors of 44.
3. Write the factors of 12.
4. Write the factors of 98.
5. Write the factors of 63.
6. Write the factors of 45.
7. Write the factors of 20.
8. Write the factors of 28.
9. Write the factors of 44.
10. Write the factors of 12.
11. What property is illustrated by the fact below?
 $58 \times (49 + 75) = 58 \times 49 + 58 \times 75$
12. What property is illustrated by the fact below?
 $66 \times 64 = 64 \times 66$
13. What property is illustrated by the fact below?
 $(17 \times 97) \times 44 = 17 \times (97 \times 44)$
14. What property is illustrated by the fact below?
 $32 \times 85 = 85 \times 32$
15. What property is illustrated by the fact below?
 $(73 \times 21) \times 62 = 73 \times (21 \times 62)$
16. What number will make the number sentence true? What is the property it represents?
 $53 \times \underline{\quad} = 0$
17. What number will make the number sentence true? What is the property it represents?
 $44 \times \underline{\quad} = 44$
18. What number will make the number sentence true? What is the property it represents?
 $82 \times \underline{\quad} = 82$
19. What number will make the number sentence true? What is the property it represents?
 $16 \times \underline{\quad} = 0$
20. What number will make the number sentence true? What is the property it represents?
 $54 \times \underline{\quad} = 54$

21. $160 \times 44 =$

22. $644 \times 25 =$

23. $939 \times 53 =$

24. $527 \times 73 =$

25. $713 \times 95 =$

26. $521 \times 20 =$

27. $178 \times 59 =$

28. $779 \times 98 =$

29. $608 \times 39 =$

30. $986 \times 78 =$

31. $399 \times 23 =$

32. $704 \times 83 =$

33. $300 \times 22 =$

34. $878 \times 43 =$

35. $988 \times 49 =$

51.
$$\begin{array}{r} 598 \\ \times 40 \\ \hline \end{array}$$

52.
$$\begin{array}{r} 607 \\ \times 70 \\ \hline \end{array}$$

53.
$$\begin{array}{r} 848 \\ \times 30 \\ \hline \end{array}$$

54.
$$\begin{array}{r} 295 \\ \times 90 \\ \hline \end{array}$$

36. Find the product of 849 and 805.

37. Find the product of 897 and 609.

38. Find the product of 763 and 302.

39. Find the product of 976 and 408.

40. Find the product of 670 and 704.

41. Find the product of 682 and 506.

42. Find the product of 818 and 203.

43. Find the product of 780 and 907.

44. Find the product of 853 and 604.

45. Find the product of 876 and 705.

46. Find the product of 772 and 308.

47. Find the product of 666 and 809.

48. Find the product of 572 and 403.

49. Find the product of 519 and 502.

50. Find the product of 723 and 907.

55.
$$\begin{array}{r} 692 \\ \times 60 \\ \hline \end{array}$$

56.
$$\begin{array}{r} 769 \\ \times 50 \\ \hline \end{array}$$

57.
$$\begin{array}{r} 443 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 58. \quad 412 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 60. \quad 241 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 59. \quad 701 \\ \times 80 \\ \hline \end{array}$$

$$61. \quad 28,585 \times 250 =$$

$$66. \quad 33,575 \times 260 =$$

$$62. \quad 35,940 \times 180 =$$

$$67. \quad 28,250 \times 330 =$$

$$63. \quad 29,575 \times 210 =$$

$$68. \quad 54,065 \times 240 =$$

$$64. \quad 40,240 \times 350 =$$

$$69. \quad 50,035 \times 200 =$$

$$65. \quad 37,465 \times 170 =$$

$$70. \quad 41,155 \times 230 =$$

71. Anna eats an average of 655 calories of food at each meal. How many calories will she eat in 4 meals?

72. Sharon eats an average of 563 calories of food at each meal. How many calories will she eat in 9 meals?

73. Billy eats an average of 778 calories of food at each meal. How many calories will he eat in 13 meals?

74. George eats an average of 976 calories of food at each meal. How many calories will he eat in 12 meals?

75. Billy eats an average of 614 calories of food at each meal. How many calories will he eat in 5 meals?

76. Clyde will make loan payments of \$220 each month for 24 months. What is the total amount of money that Clyde will pay?

77. Tex will make loan payments of \$320 each month for 24 months. What is the total amount of money that Tex will pay?

78. Natasha will make loan payments of \$320 each month for 12 months. What is the total amount of money that Natasha will pay?

79. Wilbur will make loan payments of \$220 each month for 12 months. What is the total amount of money that Wilbur will pay?

80. Velma will make loan payments of \$320 each month for 36 months. What is the total amount of money that Velma will pay?

Answer Key

[1] 1, 2, 7, 4, 14, 28	[20] 1 identity property of multiplication	[42] 166,054
[2] 1, 2, 11, 4, 22, 44	[21] 7,040	[43] 707,460
[3] 1, 2, 3, 4, 6, 12	[22] 16,100	[44] 515,212
[4] 1, 7, 2, 49, 14, 98	[23] 49,767	[45] 617,580
[5] 1, 3, 7, 9, 21, 63	[24] 38,471	[46] 237,776
[6] 1, 3, 5, 9, 15, 45	[25] 67,735	[47] 538,794
[7] 1, 2, 5, 4, 10, 20	[26] 10,420	[48] 230,516
[8] 1, 2, 7, 4, 14, 28	[27] 10,502	[49] 260,538
[9] 1, 2, 11, 4, 22, 44	[28] 76,342	[50] 655,761
[10] 1, 2, 3, 4, 6, 12	[29] 23,712	[51] 23,920
[11] distributive property	[30] 76,908	[52] 42,490
[12] commutative property of multiplication	[31] 9,177	[53] 25,440
[13] associative property of multiplication	[32] 58,432	[54] 26,550
[14] commutative property of multiplication	[33] 6,600	[55] 41,520
[15] associative property of multiplication	[34] 37,754	[56] 38,450
[16] 0 zero property	[35] 48,412	[57] 8,860
[17] 1 identity property of multiplication	[36] 683,445	[58] 32,960
[18] 1 identity property of multiplication	[37] 546,273	[59] 56,080
[19] 0 zero property	[38] 230,426	[60] 21,690
	[39] 398,208	[61] 7,146,250
	[40] 471,680	[62] 6,469,200
	[41] 345,092	[63] 6,210,750

[64] 14,084,000

[70] 9,465,650

[76] \$5,280

[65] 6,369,050

[71] 2,620

[77] \$7,680

[66] 8,729,500

[72] 5,067

[78] \$3,840

[67] 9,322,500

[73] 10,114

[79] \$2,640

[68] 12,975,600

[74] 11,712

[80] \$11,520

[69] 10,007,000

[75] 3,070