L1 Lesson 2 Exercise 2-3

Dubbs' Arithmetical Problems

ADDITION.

Article 19.

1.	2.	3.	4.	5.	6.	7.
345	360	401	524	632	716	4621
263	426	599	631	568	634	5376
421	532	632	758	794	895	6859
132	458	365	843	457	309	8472
514	241	426	927	813	540	7534
251	319	748	486	925	481	3293

8.	9.	10.	11.	12.	13.	14.
2754	9876	1234	2345	5625	18625	68457
3865	5432	5678	6789	7854	43560	2943
4976	1098	9012	1234	3146	91125	75296
5087	7654	3456	5678	5236	86400	3750
6198	3210	7890	9012	7071	79775	84675
7209	6789	9898	3456	8888	80515	6789

15.	16.	17.	18.	19.	20.
96785	44444	10203	67890	987654	736491
43210	55555	20304	8765	321098	258057
85657	66666	30405	23456	765432	845316
34102	77777	40506	9473	109876	927209
78569	88888	50607	78901	543210	693584
21043	99999	60708	7654	987654	418625
					573948

21.	22.	23.	24.	25.
321456	634219	926438	876	998877
750982	480356	618752	5432	665544
943871	177654	384949	10987	332211
194267	382299	706607	654321	223344
580629	847464	593186	23456	556677
862753	950183	876543	7890	889900
618547	766656	445566	987	112233

26.	27.	28.	29.	30.
876678	39415	3861947	6475869	5465743
654456	962	7432586	8697081	8998899
432234	7374	5674924	7586453	1314156
210012	925819	9253856	2948675	3242777
765567	64053	6987439	5465768	6566678
543345	9746	5748295	4321043	9293945
987789	852837	2529768	9293949	2728290
		4136372	2345678	4647489
		8765439	9999999	7584932

31.	32.	33.	34.
1020304	9268325	729	9876543
5060708	4786	8380	987654
9010203	6329459	94547	98765
4050607	648	312864	9876
8090102	5763284	6275378	987
3040506	75859	826594	9876
7080901	483962	57910	98765
2030405	73	9876	987654
6070809	8906247	543	9876543

35. 4732 + 6859 + 1074 + 8562 + 7936 + 5625 + 3459 + 9873 + 5678 = what?

36. 2468 + 1357 + 9135 + 4680 + 6802 + 7913 + 8024 + 5791 + 3579 = what?

37. 83568 + 76294 + 51259 + 64387 + 53968 + 43210 + 35767 + 27583 = what?

38. 63745 + 84927 + 10186 + 73037 + 96852 + 56125 + 43210 + 33333 = what?

39. 572964 + 364656 + 929394 + 858687 + 666768 + 939495 + 424344 = what?

40. 653 + 7924 + 89147 + 123456 + 5432109 + 765481 + 94376 + 5285 + 712 = ?

41. 49 + 349 + 2349 + 12349 + 94 + 894 + 7894 + 67894 + 567894 + 4567894 = ?

42. 1234567 + 2345678 + 3456789 + 4567890 + 5678901 + 6789012 + 7890123 = ?

43. A man, dying, left his property to his five children, giving to the oldest $2500, to the next $2250, to the third $2000, to the fourth $1750, and to the youngest $1500. What was the value of his property?

44. A wholesale clothing house imported six bales of cloth containing respectively, 397, 418, 376, 405, 389, and 427 yards. How many yards were in the lot?

45. Four vessels were loaded with the following quantities of wheat: 31625 bu., 29873 bu., 30748 bu., and 32009. What was the total quantity?

46. Five houses contained the following numbers of bricks: 39417, 43652, 38799, 41034, and 37098. How many bricks were there in all?

47. An oil refinery made six shipments of 15291 gal., 20768 gal., 18413 gal., 16945 gal., 19574 gal., and 17062 gal. How many gallons were shipped?

48. A steamer made seven trips from Pomeroy to Cincinnati, carrying the following cargoes of salt: 2987

bls., 3216 bls., 3193 bls., 2865 bls., 3349 bls., 3091 bls., and 2999 bls. How many barrels did she carry altogether?

49. Six companies of speculators bought public lands. The first, 9847 acres; the second, 10563 acres; the third, 12416 acres; the fourth, 11908 acres; the fifth, 13239 acres; and the sixth, 6027 acres. How many acres were bought?

50. The rations of beef for an army were, in eight consecutive days, 23942 lb., 21857 lb., 19963 lb., 24721 lb., 20625 lb., 22439 lb., 21358 lb., and 20506 lb. What was the entire quantity consumed?

51. A railroad company's receipts for six months were: $125632, $119847, $134569, $128376, $130003, and $135284. What were the total receipts?

52. Seven villages laid the following numbers of square yards of cement sidewalks: 14169, 15027, 13463, 12945, 14728, 15306, and 14362 square yards. How many square yards were laid in all?

53. The wood from nine clearings measured respectively, 1259, 1068, 1046, 999, 1193, 1275, 1381, 1427, and 1463 cords. What was the total quantity?

54. During the last ten days of an Exposition the attendance was as follows: 28931, 30456, 31947, 28685, 32564, 29723, 30299, 33002, 34278, and 35050. How many attended in all?

55. Write 88888 nine times, and find the sum.

56. Five loads of hay weighed respectively 1960 lb., 2147 lb., 2099 lb., 1875 lb., and 2153 lb. What was the entire weight?

57. An express train ran 520 miles on Sunday; 541 on Monday; 527 on Tuesday; 534 on Wednesday; 553 on Thursday; 567 on Friday, and 575 miles on Saturday. How far did it run during the week?

58. The number of pupils enrolled in the six districts

of a city was as follows: 937, 1001, 895, 1064, 958, and 1049. What was the total enrollment?

59. An Atlantic steamer carried the following numbers of passengers on seven successive trips: 1034, 869, 943, 1075, 999, 847, and 1083. What was the entire number?

60. A merchant's sales for eight months were $2653, $2197, $2741, $2536, $3019, $2482, $2105, and $2267. What was the amount of his sales?

61. The population of a city in 1885 was 38479, and during the next seven years increased as follows: 947, 1013, 1129, 1264, 1381, 1456, and 1547. What was the population in 1892?

62. Seven barges were loaded with the following quantities of coal: 10413 bu., 9857 bu., 11002 bu., 9786 bu., 10628 bu., 10395 bu., and 9999 bu. What was the total number of bushels?

63. The taxable property of six villages was assessed respectively at $348290, $285760, $419580, $376920, $521850, and $349970. What was the entire valuation?

64. Ten carloads of lumber measured respectively 13841 ft., 12999 ft., 15213 ft., 12796 ft., 14625 ft., 13537 ft., 15008 ft., 14742 ft., 13984 ft., and 14720 ft. How many feet were there altogether?

65. A flouring mill's product for twelve consecutive months was 4244 bls., 3961 bls., 4357 bls., 3989 bls., 4256 bls., 4329 bls., 3978 bls., 4305 bls., 4283 bls., 4192 bls., 4150 bls., and 3956 bls. What was the entire product?

66. Seven divisions of an army mustered the following numbers: 15125, 13761, 14289, 13517, 15308, 14126, and 13873 men. What was the entire number?

67. A merchant built a block of stores on a lot worth $10250. He paid $782 for excavating, $3650 for the foundation, $9927 for lumber, $13685 for brickwork,

$11800 for freestone, $4269 for slating, $6231 for plastering, $2568 for painting, $4346 for heating apparatus, $3964 for elevators, $7653 for labor, and $10875 for other expenses. If he sold the property at a gain of $10000, what did he receive for it?

68. The area of the largest ten divisions of the United States is as follows: Texas, 262290 square miles; California, 155980; Dakota, 147700; Montana, 145310; New Mexico, 122460; Arizona, 112920; Nevada, 109740; Colorado, 103645; Wyoming, 97575; Oregon, 94560. What is their total area?

69. The population of the largest ten cities of the United States in 1890 was: New York, 1513501; Chicago, 1098576; Philadelphia, 1044894; Brooklyn, 804377; St. Louis, 460357; Boston, 448477; Baltimore, 434451; San Francisco, 297990; Cincinnati, 296309; New Orleans, 241995. What was the total?

70. The cotton crop of the United States for the ten years beginning with 1880 and ending with 1889 was as follows: 5757397 bales; 6589329 bales; 5435845 bales; 6992234 bales; 5714052 bales; 5669021 bales; 6550215 bales; 6513624 bales; 7017707 bales, and 6935082 bales. What was the entire product?

71. By the census of 1890 the population of New York State was 5981934; of Pennsylvania, 5248574; of Illinois, 3818536; of Ohio, 3666719; of Missouri, 2677080; of Massachusetts, 2233407; of Texas, 2232220; of Indiana, 2189030; of Michigan, 2089792; of Iowa, 1906729. Find the total population of the ten States.

72. In the year 1890 the national debt of France was $4289815222; of Russia, $3669944394; of Great Britain, $3492154855; of Italy, $2246903485; of Austria, $1741035609; of the United States, $1701234668, and of Spain, $1266456840. What was the amount of their indebtedness?

73. A's fortune is $149256, which is $11438 less than B's. C's is $25749 more than B's. If C's is $18957 less than D's, and E's is $92807 more than D's, how much money have they altogether?

74. A grain merchant sold 4923 bu. of corn for 236304 cents; 3856 bu. of wheat for 381744 cents; 6719 bu. of barley for 376264 cents; 7022 bu. of oats for 224704 cents; and 2984 bu. of rye for 256624 cents. How many bushels of grain did he sell, and what amount did he receive?

75. Six village lots cost respectively $1000, $1075, $1150, $1225, $1300, and $1375, and the houses upon them cost $2750, $3000, $3250, $3500, $3750 and $4000. When sold, they realized a profit of $325 on the first; $375 on the second; $425 on the third; $475 on the fourth; $525 on the fifth; and $575 on the sixth. What amount was paid to the owners?

ANSWERS.

ARTICLE 19.

1. 1926.
2. 2336.
3. 3171.
4. 4169.
5. 4189.
6. 3575.
7. 36155.
8. 30089.
9. 34059.
10. 37168.
11. 28514.
12. 37820.
13. 400000.
14. 241910.
15. 359366.
16. 433329.
17. 212733.
18. 196139.
19. 3714924.
20. 4453230.
21. 4272505.
22. 4238831.
23. 4552041.
24. 703949.
25. 3778786.
26. 4470081.
27. 1900206.
28. 54390626.
29. 57134515.
30. 49842909.
31. 45454545.
32. 30832643.
33. 7586821.
34. 21946663.
35. 53798.
36. 49749.
37. 436036.
38. 461415.
39. 4756308.
40. 6519143.
41. 5227660.
42. 31962960.
43. $10000.
44. 2412 yds.
45. 124255 bu.
46. 200000 bricks.
47. 108053 gal.
48. 21700 bls.
49. 64000 acres.
50. 175411 lb.
51. $773711.
52. 100000 sq.yds.
53. 11111 cords.
54. 314935.
55. 799992.
56. 10234 lb.
57. 3817 miles.
58. 5904 pupils.
59. 6850.
60. $20000.
61. 47216.
62. 72080 bu.
63. $2302370.
64. 141465 ft.
65. 50000 bls.
66. 99999 men.
67. $100000.
68. 1352180 sq. miles.
69. 6640927.
70. 63174506 ba.
71. 32044021.
72. $18407545073
73. $1000000.
74. 25504 bu.; 1475640 cts.
75. $30075.