NAME_____ DATE_____

Module Test A — Module 2

Solve each of the following.

1. Use the Partial-Sums Method.

81,064
+ 16,149
90,000
7,000
100
100
13
97,213

2. Use the Column Subtraction Method.

		5	**12**		
			2	**10**	**7**	**17**
	6	3,	0	8	7
–	4	9,	3	1	8
	1	**3,**	**7**	**6**	**9**

3. Use the Partial Products Method.

108
× 63
24
0
300
480
0
6,000
6,804

4. Use the Partial Quotients Method.

17
84)1,428

Possible answer:

7
10
84)1,428
840
588
588
0

5. Use the Counting Up Method.

17,486
– 857
16,629

Possible answer:

	857
3	**860**
40	**900**
100	**1,000**
+16,486	**17,486**
16,629	

6. Use the Column Addition Method.

	1,	3	2	4
+	2,	7	8	1
	3,	**10**	**10**	**5**
	3,	**11**	**0**	**5**
	4,	**1**	**0**	**5**

Circle the correct answer for each problem.

7. 82,413 + 7,809 =

a. 74,604 b. 80,222 c. 90,212 d. 90,222

90,222

8. 44,681 – 33,897 =

a. 9,784 b. 10,784 c. 11,216 d. 11,578

10,784

9. 326 × 84 =

a. 9,984 b. 25,384 c. 26,384 d. 27,384

27,384

10. Which is the best estimate of 504 × 61?

a. 25,000 b. 30,000 c. 35,000 d. 50,000

30,000

11. The largest possible product of a three-digit number and a one-digit number that can be formed using only the digits 3, 8, 2, 5 is

a. 4,160 b. 4,184 c. 4,256 d. 4,346

4,256

12. What is the remainder of 741 ÷ 27?

a. 2 b. 10 c. 12 d. 25

12

13. Ludwig has $100. What should Ludwig do to figure out how many ties he can buy if each tie costs $15?

a. increase the quotient b. drop the remainder c. use the remainder as the answer d. use the remainder to get the answer

drop the remainder

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Answer the following questions in the space provided.

14. How many buses are needed to take 152 students to the zoo if each bus holds 36 students?

152 ÷ 36 = 4 R 8; 5 buses

15. What day of the week is 50 days from Friday?

50 ÷ 7 = 7 R 1; Saturday

16. A fruit juice company fills 360 16-ounce bottles with apple juice. How many 12-ounce bottles could be filled with the same amount of apple juice?

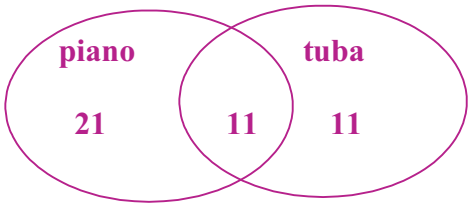
480 12-ounce bottles

17. Three-digit numbers are formed using the digits 1, 2, and 3. How many numbers contain exactly one 3? Explain how you got your answer.

Possible answer: There are 12 numbers. I made a list: 113, 131, 311, 223, 231, 322, 123, 132, 312, 213, 231, 321

18. The results of a survey of all the members of a band camp shows that 32 people play the piano, 22 people play the tuba, and 11 people play both the piano and the tuba. What is the total number of people in the band camp? Explain how you got your answer.

Possible answer: 43 people. I made a diagram.



21 + 11 + 11 = 43