Name _____

Writing Expressions

Write each phrase as an expression.

1. 14 more than a
number r _____

2. 7 less than 3 times
a number n _____

3. the product of u
and 266   _____

4. 2 divided by the
sum of k and 3   _____

5. Isabel's Chicken Farm packs eggs in cartons to be sold in grocery stores for $2.29 a
carton. Each carton holds a dozen eggs. Yesterday, the chickens laid enough eggs to
exactly fill n cartons. Write an expression that describes how many eggs the chickens laid.

_____

In each blank space, write a rule to find the next number in the table.

6.

5	8	9	12	z
45	72	81	108	

7.

2	6	12	17	z
9	13	19	24	

8.

1	2	3	4	z
24	48	72	96	

9.

5	10	15	20	z
2	7	12	17	

10.

4	16	64	256	z
1	4	16	64	

11.

16	35	47	58	z
35	54	66	77	

In Exercise 8 above, the first row also follows a pattern: $z + 1$. If you continued the table,
the next variable z would be 5. The fifth number in the second row would be 120.

12. Which other tables have numbers in the first row that follow a pattern?

_____

13. What would the fifth number in row 2 be in each of those tables?

_____

Test Prep Circle the correct letter for each answer.

14. 2 less than the quotient of s divided
by 13

A $2 - (s \div 13)$ **C** $(s \div 13) - 2$

B $13s - 2$ **D** $s - 13 - 2$

15. q times the sum of 11 and 5

F $11q \times 5$ **H** $5q \times 11$

G $16q$ **J** $q \times 11 \times 5$