Unit **5**

Unit Assessment, Form B

Name _____

1. A florist has 13 tulips and 16 daffodils to arrange in a display. How many different ways can the daffodils be arranged in equal rows?

    A. 5   **B.** 4   **C.** 3   **D.** 2

2. Which of these are factor pairs of 24? Choose all that apply.

    A. 1 and 23   **B.** 7 and 3

    C. 2 and 12   **D.** 5 and 5

    E. 3 and 8   **F.** 6 and 4

3. What is the rule for the pattern?

    25, 36, 47, 58, …

    _____

4. What are the factor pairs of 54?

    _____ and _____, _____ and _____,

    _____ and _____, _____ and _____

5. Alyssa has completed 5 pages of her notebook. She plans on completing 4 pages each day. How can you find the total number of pages she will have completed each day?

Day	Pages Completed	Total Pages Completed
1		
2		
3		

6. Is each statement True or False? Use the pattern.

Start with 18, add 6.

	True	False
All terms are multiples of 2.		
All terms are multiples of 6.		
All terms are even.		

7. What would be the shape of the 17th term in the pattern?

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A. square

B. star

C. circle

D. triangle

8. Which numbers are prime? Choose all that apply.

A. 2

B. 13

C. 21

D. 32

E. 45

F. 53

9. Anthony is arranging 36 games. He can use up to 4 shelves. How can he arrange his games?

1 shelf with _____ games.

2 shelves with _____ games.
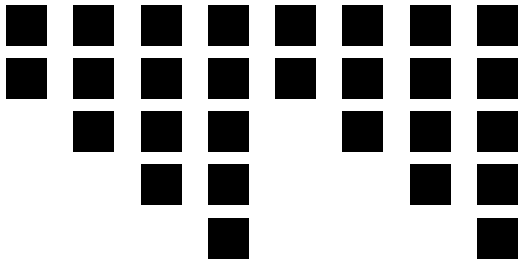
3 shelves with _____ games.

4 shelves with _____ games.

Name _____

10. Which numbers are multiples of 3? Choose all that apply.

    A. 14   **B.** 21

    C. 16   **D.** 23

    E. 27   **F.** 12

11. Analyze the following arrays to answer the questions.

    a. What is the pattern?

    _____

    _____

    b. What is a feature of the pattern that is not stated in the pattern rule?

    _____

    _____

    c. How many squares would be in the 13th term in the pattern?

    _____

12. Write the first five terms of the pattern.

    Start at 5, multiply by 2.

    _____, _____, _____, _____, _____

13. What are the factor pairs of 32?

_____ and _____ , _____ and _____ ,

_____ and _____

14. Robert is making pancakes for a family breakfast. Each cup of pancake batter makes 4 pancakes. How many pancakes will Robert have if he uses 9 cups of pancake batter? Use multiples of 4 to determine the number of pancakes Robert will have.

Robert will have _____ pancakes.