Name _____ **Assessment SOL 5.3 Even/Odd, Prime/Composite**

1. A set of basketball uniforms contains only odd-number jerseys. Which could be the jersey numbers from this set of uniforms?

☐A. 11, 22, 33, 44 ☐B. 15, 41, 55, 73 ☐C. 21, 35, 52, 74 ☐D. 34, 47, 61, 78

2. Select the correct answers.

Identify the four prime numbers.

51	21	5
63	2	39
29	57	17

3. Pictured below are 7 blocks representing a prime number.

All of the following are properties of prime numbers *except* --

☐ A. a prime number has only 2 factors.

☐ B. a prime number is only divisible by itself and 1.

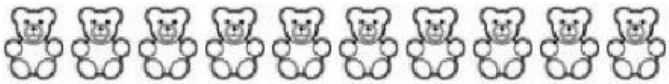
☐ C. a prime number always has a 2 as one of its factors.

☐ D. a prime number's factors are always 1 and itself.

4. Which of the following numbers is composite?

☐A. 8 ☐B. 11 ☐C. 13 ☐D. 17

5. Is the following group of teddy bears odd or even? _____



How do you know? _____

_____

6. Select the correct answers.

Identify each statement that is true.

The sum of two even numbers is even.
The sum of two odd numbers is odd.
The difference between an odd number and an even number is odd.
The difference between two odd numbers is even.

7. Which best describes a composite number?

☐A. A number with more than two factors.

☐B. A number that cannot be grouped in twos.

☐C. A number with exactly two factors.

☐D. A number that can be divided by two with 0 remaining.

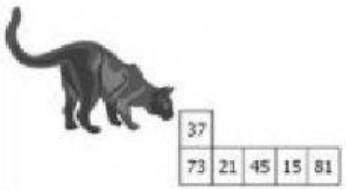
8. Which of the following numbers is *not* an odd number?

☐A. 27 ☐B. 33 ☐C. 59 ☐D. 84

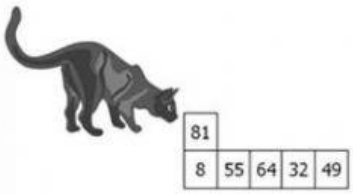
9. Which of the following numbers is *not* a composite number?

☐A. 73 ☐B. 49 ☐C. 91 ☐D. 87

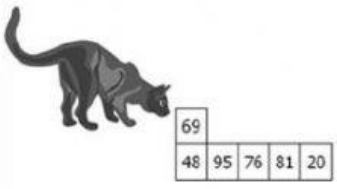
10. Which path shows the cat only traveling across odd numbers?



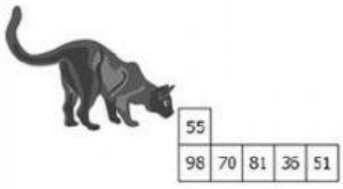
☐A.



☐C.



☐B.



☐D.