

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. ☐ C. A number with exactly two factors.
- ☐ B. A number that cannot be grouped in twos. ☐ 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?



