Number Theory

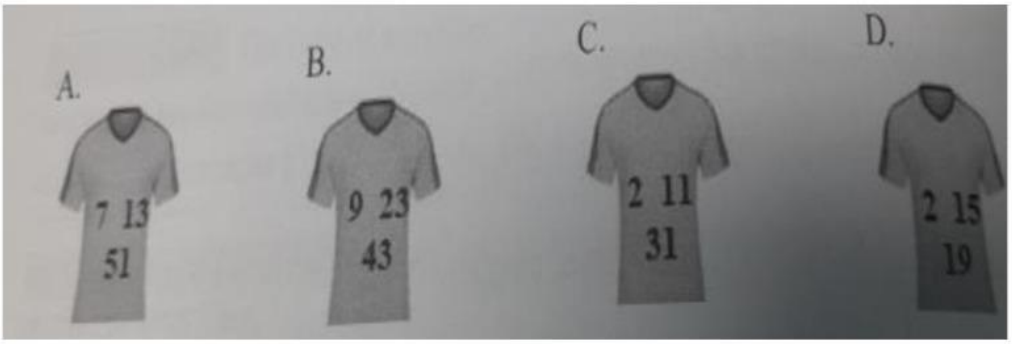
Types of Numbers

A. Write T if the statement is true and F if the statement is false.

1. _____ The number 65 is an even number.
2. _____ The number 0 is a natural number.
3. _____ All even numbers are composite numbers.
4. _____ All odd numbers are prime numbers.
5. _____ The number 9 is a multiple of 3.

B. Answer the following questions below:

1. A set of soccer uniforms contains only prime-number jersey. State the correct letter (A, B, C and D) from the set of soccer uniforms which contains only prime- number jersey.



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2 Using the list of numbers, only once write down

{ 8, 36, 67, $\sqrt{11}$, $\frac{6}{7}$ }

(a) _____ a prime number,

(b) _____an irrational number,

© _____a square number,

(d) _____a cube number,

(e) _____a rational number.

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3. A school playground measures 28 meters, 41 meters, 43 meters, meters and 65 meters is enclosed by a chain link fence.

   (a) How many meters of fencing is used? _____ meters

(b) Is your answer to part (a) a prime of composite number?

_____

4. Write down the next prime number after 47. _____

5. List the natural numbers that are greater than 4 but less than 6. _____

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