**N.ME.04.04** Find all factors of any whole number through 50, list factor pairs, and determine if a one-digit number is a factor of a given whole number.

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What are all the factors of 36?

A. 1, 2, 4, 6, 18, 36

B. 1, 2, 3, 4, 6, 9 18, 36

C. 1, 3, 6, 9, 36

D. none of the above

What are all the factors for 42?

1. 2, 3, 6, 7, 42
2. 1, 2, 3, 6, 7, 42
3. 2, 3, 6, 7, 14, 21, 42
4. 1, 2, 3, 6, 7,, 14, 21, 42

**N.ME.04.05** List the first ten multiples of a given one-digit whole number; determine if a whole number is a multiple of a given one-digit whole number.

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Which of the following numbers is a multiple of 8?

A. 18

B. 28

C. 44

D. 56

The following are all multiples of a one-digit number: 12, 24, 30, and 42. Identify the one-digit factor common to each multiple.

A. 5

B. 6

C. 7

D. 8

Which of the following sets of numbers are all multiples of 7?

A. 35, 47, 52

B. 35, 36, 37

C. 35, 42, 49

D. 37, 47, 57

**N.MR.04.06** Know that some numbers including 2, 3, 5, 7, and 11 have exactly two factors (1 and the number itself) and are called prime numbers.

Which of the following is NOT true about prime numbers?

A. They have exactly two factors.

B. One is a factor of every prime number.

C. No prime numbers end in 0.

D. All prime numbers are odd numbers.

Which set of numbers lists all prime numbers up to 20?

A. 1, 3, 5, 7, 9, 11, 13, 17, 19

B. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

C. 1, 3, 5, 7, 11, 13, 17, 19

D. 1, 5, 11, 17

Which number is a prime number?

A. 3

B. 7

C. 11

D. all of the above are prime numbers

All of these are prime numbers EXCEPT:

A. 1

B. 3

C. 4

D. 5

Which of the following is a prime number?

A 21

B 33

C 49

D 53