Plug in Numbers

June 2015

26. For all nonzero values of a and b, the value of which of the following expressions is *always* negative?

F. a – b

G. -a – b

H. |a| + |b|

J. |a| - |b|

K. -|a| - |b|

December 2015

48. For every negative real value of x, all of the following statements are true EXCEPT:

F. |x| > 0

G. 2x < 0

H. x5 < 0

J. x – x2 < 0

K. |x| - x = 0

April 2016

56. If *a* is a positive even integer and *b* is a positive odd integer, then [(-3)(+3)]ab is:

F. positive and even.

G. positive and odd.

H. zero.

J. negative and even.

K. negative and odd.

April 2017

18. For which of the following condition will the sum of integers *m* and *n always* be an odd integer?

F. *m* is an odd integer.

G. *n* is an odd integer.

H. *m* and *n* are both odd integers.

J. *m* and *n* are both even integers.

K. *m* is an odd integer and *n* is an even integer.