1

For any non-zero a and b that satisfy |ab| = ab and |a| = -a, |b-4| + |ab-b| =

A. ab-4
B. 2b-ab-4
C. ab+4
D. ab-2b+4
E. 4-ab

2

If |a+b|=|a-b|, then a*b must be equal to:

A. 1
B. -1
C. 0
D. 2
E. -2

3

If n is an integer, the greatest possible value of the expression: 12 - |32 - 7n| is

A. -20
B. 1
C. 8
D. 9
E. 12

4

|a|=|b|, which of the following must be true :

I. a=b
II. |a|=-b
III. -a=-b

A. I only
B. II only.
C. III only.
D. I and III only.
E. None