Student: [redacted] **Date:** [redacted] **Time:** [redacted]	**Instructor:** [redacted] **Course:** MAT1301-14A-1A16-S2 **Book:** Pirnot: Mathematics All Around, 5e	**Assignment:** [redacted]

29. If it is possible, give an example of the following. If it is not possible, explain why it is not possible.

A natural number that is not a whole number.

Choose the correct answer below.

- A. It is possible. A natural number that it not a whole number is 0.
- B. It is not possible because every natural number is a real number and every whole number is also a real number.
- C. It is not possible because every natural number is a whole number.
- D. It is possible. A natural number that it not a whole number is -2.

30. Determine whether the following statement is true or false. Remember the Always Principle when deciding upon the answer. If the statement is false, then provide a counterexample.

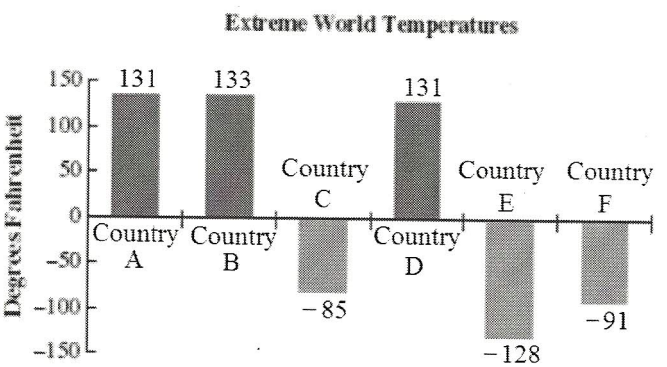
The product of two negative integers is a positive integer.

Choose the correct answer below.

- A. The statement is true.
- B. The statement is false. A counterexample is $(0)(-4) = -4$.
- C. The statement is false. A counterexample is $(1)(-4) = -4$.
- D. The statement is false. A counterexample is $(-1)(-4) = -4$.

31. Use the graph to find the difference in extreme temperatures for the pair of locations.

Country A and Country E



The difference in extreme temperatures between Country A and Country E is ☐ ° Fahrenheit.