Select true or false for the following comparisons:

A. $1\frac{4}{5} < 1.55 < 175\%$ ⚪ True   ⚪ False

B. $0.010 < 5\% < \frac{2}{3}$ ⚪ True   ⚪ False

C. $2.20 < 225\% < 2\frac{2}{5}$ ⚪ True   ⚪ False

D. $0.375 < \frac{3}{8} < 38.5\%$ ⚪ True   ⚪ False

Scoring:

2 points:	Selected B and C only. (NYYN)
1 point:	Selected either B or C only. (NYNN or NNYN)
0 points:	Any other combination.

Key and Distractor Analysis:

A. Student may have confused $1\frac{4}{5}$ as 1.45.

B. Key.

C. Key.

D. Student may not have recognized 0.375 is equal to not less than $\frac{3}{8}$.

Number and Operations in Base Ten   5.NBT

Understand the place value system.

3. Read, write, and compare decimals to thousandths.
   b. Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.