***The Real Number System Ex. A***

**Classify each number by determining all sets of numbers to which it belongs. Then write each number in the Venn diagram below.**

 **1.** 19 **2.** –6 **3.** 0

 **4.** $\frac{8}{4}$ **5.** 0.1$\overbar{6 }$ **6.** π

**Real Numbers**

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**Exercises**

**Replace each with <, >, or = to make a true sentence. Use a number line if necessary.**

 **1.** $\frac{1}{2}$$\frac{3}{8}$ **2.** $\frac{4}{5}$$\frac{8}{10}$

 **3.** $\frac{3}{4}$ $\frac{7}{8}$ **4.** $\frac{1}{2}$ $\frac{5}{9}$

 **5.** $\frac{9}{14}$ $\frac{3}{7}$ **6.** $-\frac{5}{7}$ $-\frac{6}{11}$

 **7.** $-3\frac{1}{3}$ $-3\frac{2}{6}$ **8.** $4\frac{9}{10}$ $4\frac{3}{5}$