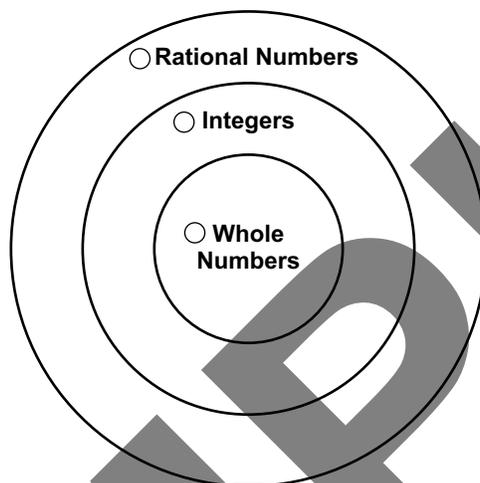*7.1D; 7.1E; 7.1G; 7.2A (M)*

**11.** The Venn diagram below shows the classifications of real numbers. Where should the number $3.55\overline{5}$ be placed?

Shade the **ONE** correct circle that represents where the number should be placed.

○ **Rational Numbers**

○ **Integers**

○ **Whole Numbers**

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*7.1A; 7.1F; 7.5C (M)*

**12.** Ginny drew a stop sign. She made each side 2.5 centimeters long. Real stop signs have sides that are 31.5 centimeters long. What scale factor can Ginny use to make her drawing the same size as a real stop sign?

Record your answer in the space provided.

*7.1A; 7.1D; 7.1F; 7.4A (L)*

**21.** A dance instructor knows that she will always have more girls than boys in her dance classes. She made the table below to record the total number of students in several of her dance classes.

**Dance Students**

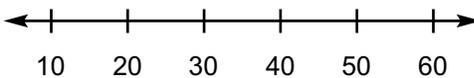| Number of Girls ($g$) | Number of Boys ($b$) |
|:---:|:---:|
| 4 | 1 |
| 8 | 2 |
| 12 | 3 |
| 16 | 4 |
| 20 | 5 |

Write an equation that represents the relationship between the numbers of girls and boys in her dance classes.

Record your answer in the space provided.

*7.1D; 7.1E; 7.1F; 7.10B (M)*

**22.** Use the number line to represent the solution(s) for the inequality $\frac{1}{2}x - 8 \geq 12$.

Draw an open or closed circle and a ray to indicate the direction.

$$\overset{\longleftarrow\quad|\quad|\quad|\quad|\quad|\quad|\longrightarrow}{\phantom{x}10\quad20\quad30\quad40\quad50\quad60}$$