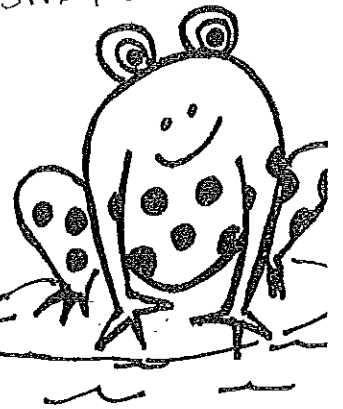


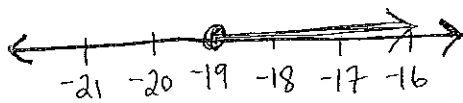
INEQUALITIES

ANSWERS

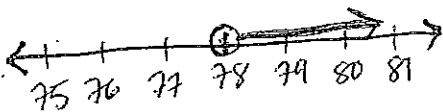


Directions: Solve each inequality and then graph each solution on a number line.

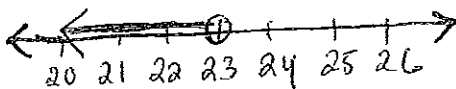
$$\begin{array}{r}
 1. \quad n - 28 \geq -47 \\
 +28 \quad +28 \\
 \hline
 n \geq -19
 \end{array}$$



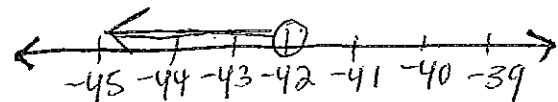
$$\begin{array}{r}
 2. \quad 6 \cdot 13 < \frac{m}{6} \cdot 6 \\
 78 < m \rightarrow m > 78
 \end{array}$$



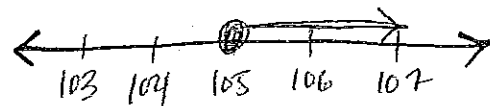
$$\begin{array}{r}
 3. \quad \frac{4y}{4} \leq \frac{92}{4} \\
 y < 23
 \end{array}$$



$$\begin{array}{r}
 4. \quad -13 > a + 29 \\
 -29 \quad -29 \\
 \hline
 -42 > a \rightarrow a < -42
 \end{array}$$



$$\begin{array}{r}
 5. \quad 4 \cdot \frac{x}{7} \geq 15 \cdot 7 \\
 x \geq 105
 \end{array}$$



$$\begin{array}{r}
 6. \quad c - 28 < -15 \\
 +28 \quad +28 \\
 \hline
 c < 13
 \end{array}$$

