$\qquad$

Anaiona Number is any \# that can be written as a fraction. This includes all terminating and repeating decimal.
Example (1): Which rational numbers are equal?

$\theta \div \theta=t$

Example (2): Write the rational number represented by each letter on the number line, as a decimal.
10 sections
So were talking
tenths $\frac{1}{10}=0.1$


$$
\begin{aligned}
& \mathrm{A}=1.1 \\
& \mathrm{~B}=1.7 \\
& \mathrm{C}=-1.7 \\
& \mathrm{D}=-1.2
\end{aligned}
$$

ה with regatives move to the
 fraction.


$$
\begin{aligned}
& E=\frac{2 \div 2}{6 \div 2}=\frac{1}{3} \\
& F=-\frac{5}{3}=-1 \frac{2}{3} \\
& G=-\frac{1}{3} \\
& H=-3 / 8 \\
& I=\frac{5}{8}
\end{aligned}
$$

" $>$ "greater
(a) $\frac{55}{\frac{50}{} \times \frac{4}{4} \times 7} \times \frac{1}{5} \times 7$
(b) $-\frac{5}{9}$ and $-\frac{2}{3} \times 3$
(c) $-\frac{17}{20}$ and $-\frac{21}{25}$

$$
\frac{25}{35}<\frac{28}{35}
$$

$$
\frac{-5}{9}>-\frac{6}{9} \quad-0.85<-0.84
$$

Example (5): Show the set of numbers on a number line.


$$
\begin{aligned}
& \text { Example (3): Write three rational numbers between each pair of numbers. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Example (4): Which rational number is greater? }
\end{aligned}
$$

