COMPARING FRACTIONS

NAME: _____   DIV: _____   DATE: _____
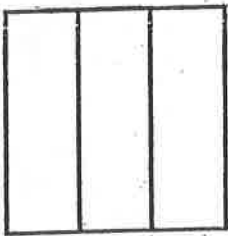
Shade the squares. Then use > , = , or < to make each statement true.

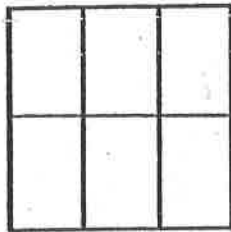> means "is greater than"

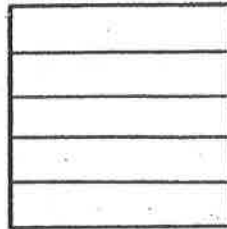= means "is equal to"

< means "is less than"

Shade $\frac{2}{3}$.

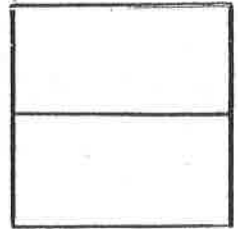Shade $\frac{4}{6}$.

Shade $\frac{1}{5}$.

Shade $\frac{1}{2}$.
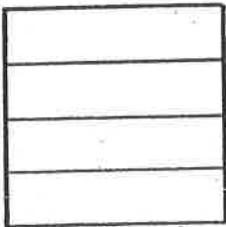
$\frac{2}{3}$ $\frac{4}{6}$ $\frac{1}{5}$ $\frac{1}{2}$

Shade $\frac{3}{4}$.

Shade $\frac{3}{9}$.

Shade $\frac{6}{9}$.

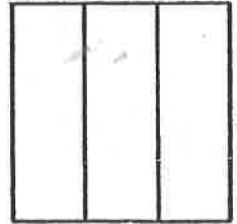Shade $\frac{2}{3}$.

$\frac{3}{4}$ $\frac{3}{9}$ $\frac{6}{9}$ $\frac{2}{3}$
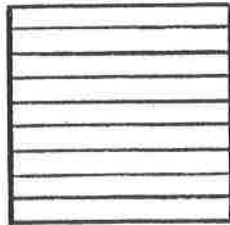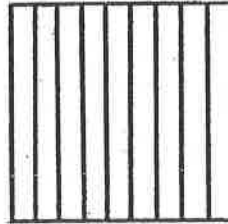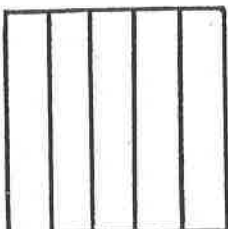
Shade $\frac{2}{5}$.

Shade $\frac{5}{8}$.
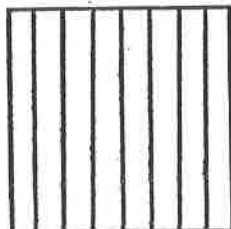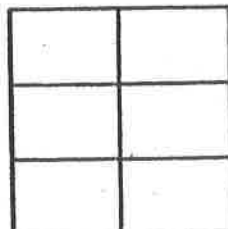
Shade $\frac{3}{6}$.

Shade $\frac{1}{4}$.

$\frac{2}{5}$ $\frac{5}{8}$ $\frac{3}{6}$ $\frac{1}{4}$

Shade the squares. Then fill in the blank in one of the following ways:

is greater than
is equal to
is less than

Shade $\frac{1}{6}$.

$\frac{1}{6}$ _____ $\frac{1}{4}$

Shade $\frac{1}{4}$.

Shade $\frac{2}{3}$.

$\frac{2}{3}$ _____ $\frac{2}{10}$

Shade $\frac{2}{10}$.

Shade $\frac{3}{5}$.

$\frac{3}{5}$ _____ $\frac{3}{10}$

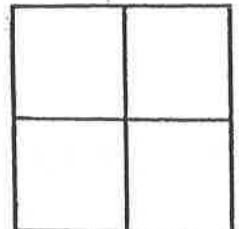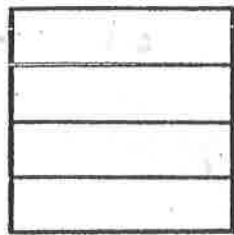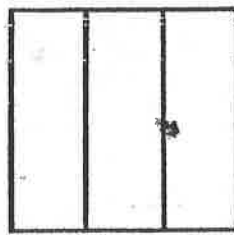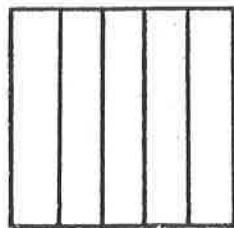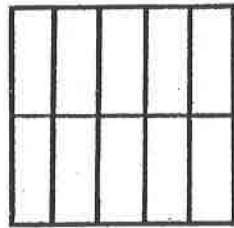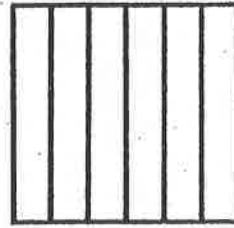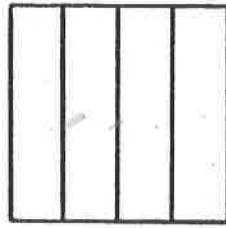Shade $\frac{3}{10}$.

Shade $\frac{3}{6}$.

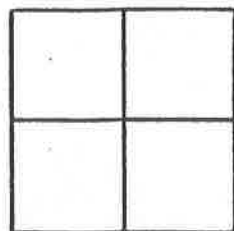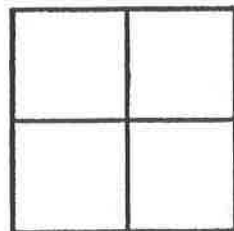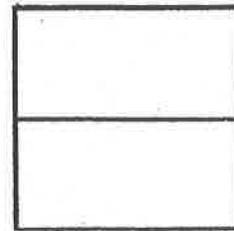$\frac{3}{6}$ _____ $\frac{2}{4}$

Shade $\frac{2}{4}$.

Shade $\frac{3}{4}$.

$\frac{3}{4}$ _____ $\frac{1}{4}$

Shade $\frac{1}{4}$.

Shade $\frac{1}{2}$.
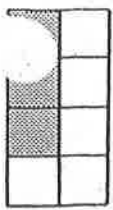
$\frac{1}{2}$ _____ $\frac{3}{4}$

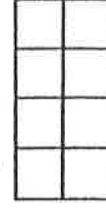Shade $\frac{3}{4}$.

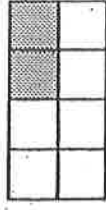Write the fraction for the shaded part of each rectangle.

$\frac{3}{8}$ _____ _____ _____ _____ _____ _____ _____ _____
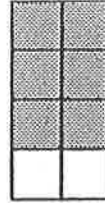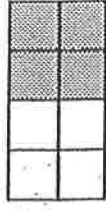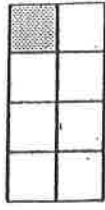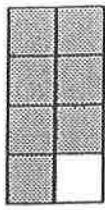
Rearrange the fractions above from smallest to largest.

$\frac{2}{8}$

_____ _____ $\frac{2}{8}$ _____ _____ _____ _____ _____ _____
smallest   largest

For fractions with the same denominator:

As the numerators get larger, the fractions get _____.
(larger/smaller)

As the numerators get smaller, the fractions get _____.
(larger/smaller)

The smallest fraction is the fraction with the smallest _____.
(numerator/denominator)

The _____ fraction is the fraction with the largest _____.
(largest/smallest)   (numerator/denominator)

Write the fraction for the shaded part of each circle.

_____ _____ _____ _____ _____ _____ _____ _____
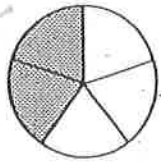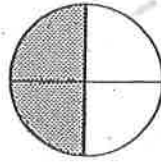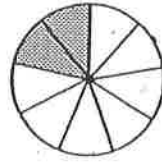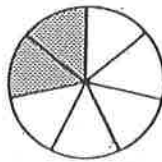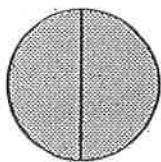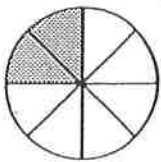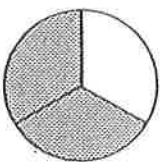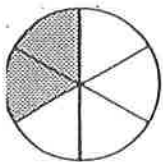
Rearrange the fractions above from smallest to largest.

_____ _____ _____ _____ _____ _____ _____ _____
smallest   largest

For fractions with the same numerator:

As the denominators get smaller, the fractions get _____.
(larger/smaller)

As the denominators get larger, the fractions get _____.

The smallest fraction is the fraction with the _____ denominator.

The largest fraction is the fraction with the _____ _____.

Comparing Fractions Using Number Lines

0   1

$\frac{0}{2}$ $\frac{1}{2}$ $\frac{2}{2}$ $\frac{3}{2}$

$\frac{0}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$ $\frac{4}{3}$
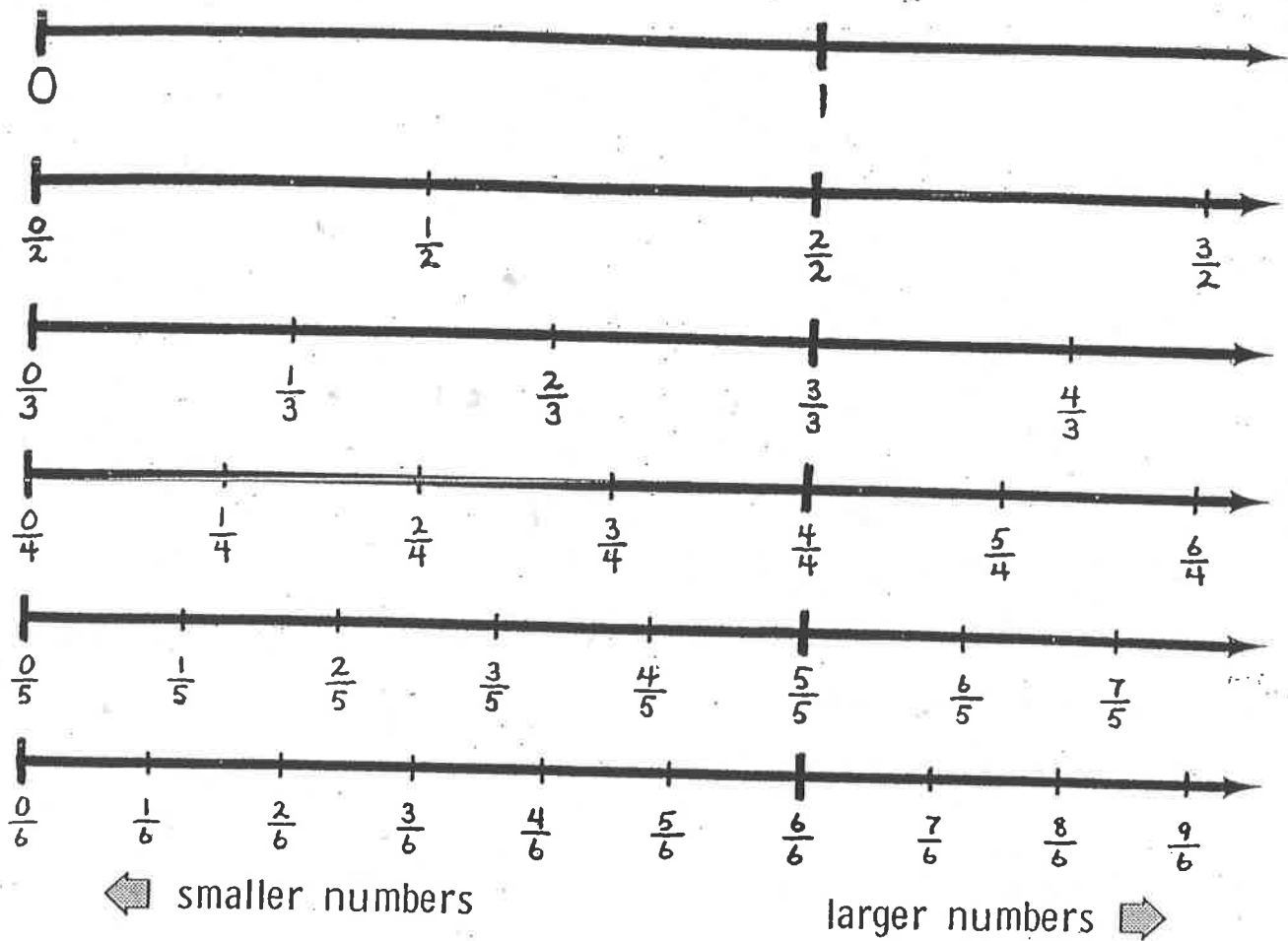
$\frac{0}{4}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $\frac{5}{4}$ $\frac{6}{4}$

$\frac{0}{5}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{5}{5}$ $\frac{6}{5}$ $\frac{7}{5}$

$\frac{0}{6}$ $\frac{1}{6}$ $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$ $\frac{6}{6}$ $\frac{7}{6}$ $\frac{8}{6}$ $\frac{9}{6}$

⬅ smaller numbers   larger numbers ➡

To do each problem below:

1. Find both fractions on the number lines.
2. Put a finger on each.
3. Decide which fraction is larger and which is smaller or if both are equal
4. Put > , < , or = between the fractions to make a true statement.

$\frac{2}{5}$ > $\frac{1}{4}$		$\frac{2}{5}$	$\frac{3}{4}$	$\frac{2}{5}$	1
$\frac{4}{6}$	$\frac{2}{3}$	$\frac{4}{6}$	$\frac{3}{2}$	$\frac{4}{4}$	$\frac{2}{3}$
$\frac{6}{5}$	$\frac{5}{6}$	$\frac{3}{2}$	$\frac{2}{3}$	$\frac{8}{6}$	$\frac{7}{5}$
$\frac{0}{2}$	0	$\frac{0}{4}$	0	0	$\frac{0}{6}$