6.2b

1. Circle the inequality symbol that makes each pair of pictorial representations true.

$>$

$=$

$<$

$>$

$=$

$<$
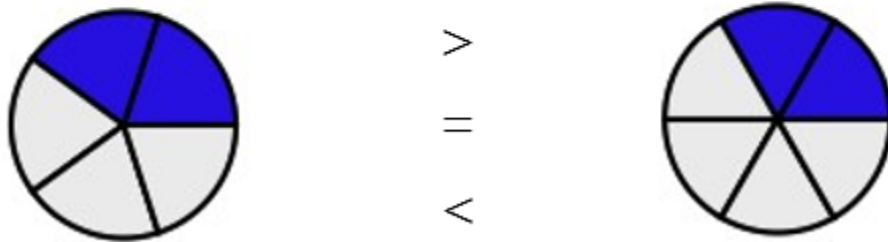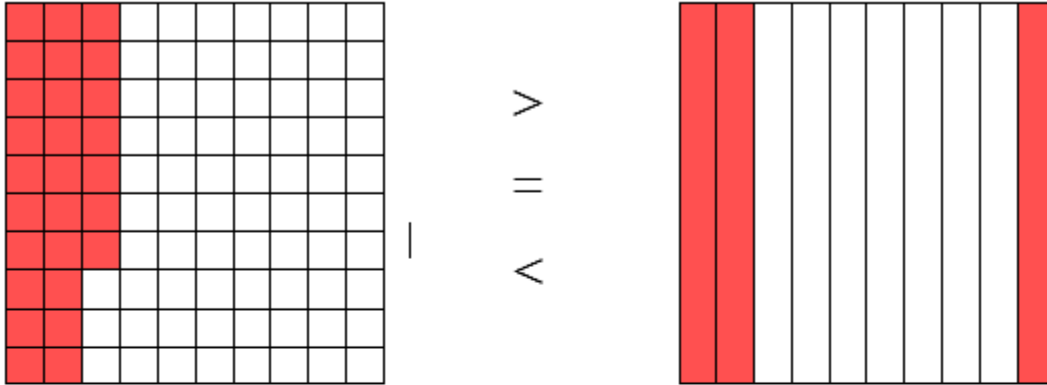
2. Put the following numbers in ascending order.
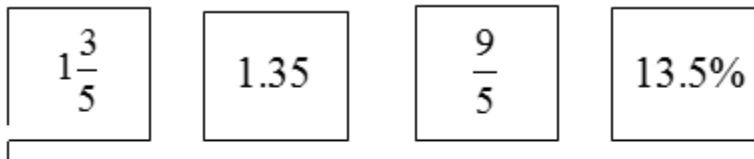
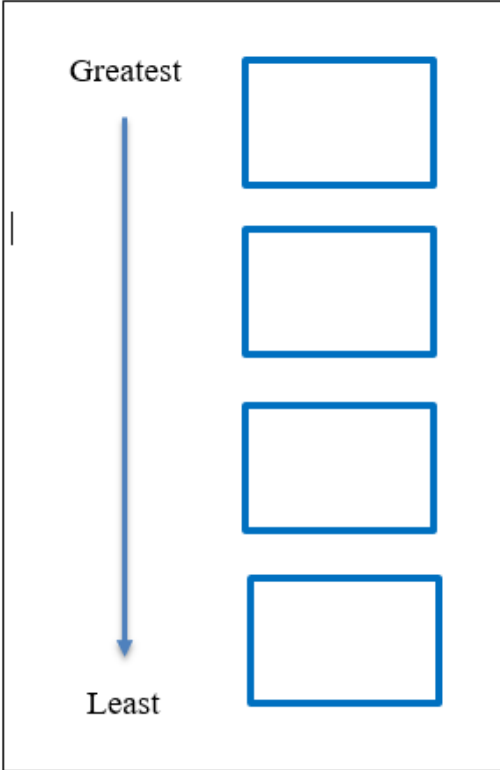| $1\frac{3}{5}$ | 1.35 | $\frac{9}{5}$ | 13.5% |

| | | | |

3. Put the following numbers in order from greatest to least.

Greatest

Least

$\dfrac{1}{3}$

0.13

13.3%

3

4. Circle two numbers that make the inequality statement true.

$$0.25 < \underline{\hspace{1cm}} < \dfrac{3}{4}$$

75% $\dfrac{2}{3}$ 0.225 $\dfrac{1}{5}$ 2.5% $0.\overline{6}$

5. At soccer practice, Keith ran $\frac{5}{8}$ of a mile, Jake ran $\frac{4}{9}$ of a mile, and Julian ran $\frac{1}{2}$ of a mile.

   Put these distances in descending order.

   A. $\frac{4}{9}, \frac{1}{2}, \frac{5}{8}$

   B. $\frac{1}{2}, \frac{4}{9}, \frac{5}{8}$

   C. $\frac{1}{2}, \frac{5}{8}, \frac{4}{9}$

   D. $\frac{5}{8}, \frac{1}{2}, \frac{4}{9}$

6. Which number goes in the blank space to make the inequality statement true?

$$\frac{5}{6} > \frac{}{12}$$

   A. 9
   B. 10
   C. 11
   D. 12

7. The table shows changes in gasoline prices per gallon over one year.

Gasoline Prices	
Month	Change in cost per gallon
January	2.075
April	$\dfrac{103}{50}$
August	208.3%
December	$2\dfrac{3}{8}$

Which statement about these prices is true?

A. January > August

B. April > January

C. December < January

D. January < December