Rational Numbers Problems

Underline and Circle where necessary!!

1. Divide fractions and express in simplest form.

$$\frac{8}{10} \div \frac{5}{4} =$$

2. Compare. User $>$, $<$ or $=$.

$$\frac{12}{7} \underline{\hspace{1cm}} 2.40$$

3. Subtract fractions and simplify if possible.

$$\frac{20}{10} - \frac{7}{9} =$$

4. Multiply fractions and express in simplest form.

$$\frac{1}{6} \cdot \frac{10}{2} =$$

5. Convert the fraction to a decimal, and determine the type of decimal:

$$\frac{-44}{54}$$

6. Convert the decimal to the fraction.

-0.1

7. list following rational numbers to descending orders:

$$[0.40, \tfrac{3}{10}, 1.99, 0.24]$$

8. Simplify fractions:

$$\frac{175}{255}$$