Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rational Numbers and Equations Test Review:

Simplify:

$\frac{11}{55}$ \_\_\_\_\_\_\_\_\_\_\_ $\frac{9}{42}$ \_\_\_\_\_\_\_\_\_\_\_\_

Write each decimal as a fraction in simplest form:

.125 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .12 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write each fraction as a decimal: (2 pts each)

$\frac{7}{18} $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ $2\frac{1}{9} $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the following problems. All answers should be in simplest form.

7.04 – 3.008 \_\_\_\_\_\_\_\_\_\_\_ $2\frac{3}{5}+7\frac{1}{4} $ \_\_\_\_\_\_\_\_\_\_

$\frac{7}{10} • \frac{2}{5} \\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$ 33.2 ÷ .004 \_\_\_\_\_\_\_\_\_\_\_\_

Solve:

4d = 72 $\frac{b-2}{7}=4 $ $7+3d=19$

Netflix charges a monthly fee of $15 plus $2 per movie. If Simone pays $27 for the month, how many movies did she download?