Final Exam Unit 3 Review
Name $\qquad$

1. a) Write each fraction as a decimal. Then identify as terminating or repeating.
2. Write each decimal as a fraction in simplest form.
a) 0.02
b) 0.625
c) $0 . \overline{81}$

$$
\frac{2}{100}=\frac{1}{50}\left|\frac{625}{100}=\frac{5}{8}\right|^{\text {a) } 0.02}=\frac{81}{99}
$$

3. Write the fraction as a decimal and a percent.

$$
\begin{gathered}
8 \sqrt{0.875} \\
\frac{7000}{64} \\
\frac{56}{40} \\
\frac{-40}{0 R} \\
\hline
\end{gathered}
$$

a) $\frac{4}{5}=\frac{8}{10}=\frac{80}{100}$ $0.80\left\{80^{\circ} \%\right.$
b) $\frac{3}{50}=\frac{6}{100}$

4. Draw a number line. Order these numbers on the line.


Who purchased the most ribbon and whop purchased the leas: aDman of ribbon How do you know?

Jesse purchased the most ribbons.

a) $9.043+0.9+1.15$
b) $2.09+4.6+1.8$
c) $9.6-7.4$

$$
\begin{array}{|c|c|c|c|}
E=9+1+1=11 & E=2+5+2=9 & E=10-7=3 & E=8-7=1 \\
9.043 & 2.09 & 4.60 & 9.6 \\
\hline 07.805 \\
+0.900 & +1.80 \\
1.150 & \frac{7.49}{8.49} & \underline{2.2} & -6.93 \\
\hline 11.093 & & & \\
\hline
\end{array}
$$



Order of Operations!

18. Sam created a design on a grid. He coloured $\frac{1}{8}$ of the grid red and 0.375 of the grid green

 | $\mathrm{ReC}=8=12.5=37.5 \%$ |  |
| :--- | :--- |
| Gran $=0.375$ |  |
| Blue $=40 \%$ | $\frac{34.5}{90.0}$ |
|  | $=10 \%$ is |
| purple. |  |





$$
\frac{x 0.15}{3.8595}=3.86
$$

Allie should leave about \$4.00.

