

Math and Science Homework

Due Date: Friday, September 12th

Name: _____

-if you need more room, please attach your work

Science Vocabulary-these words are at your group table and located in
your vocabulary section of science binder, if you need a review.

Name_____

Beaker
Volume
Experiment
Conclusion

Weight
Graduated cylinder
Microscope
Observation

Lens
Balance
Mass
Technical drawing

1. _____ is a curved piece of glass or plastic that causes objects to appear larger or smaller.
2. _____ is a tool with equally divided markings used to measure the volume of liquids.
3. _____ is the amount of matter in an object.
4. _____ is tool that uses a lens or a combination of lenses to magnify images of very small things.

5. _____ is the amount of space that an object takes up.
6. _____ is the measure of the pull of gravity on an object or substance.
7. _____ is a tool used to measure mass.
8. _____ is a detailed realistic drawing.
9. _____ is a large, wide-mouthed cup used in science to hold substances.
10. _____ is a judgment in which you have the most confidence after considering all the evidence such as observations, results, and previous inferences.

Multiply by 10

$$\begin{array}{r} \text{moved} \\ \text{3 decimal} \\ \text{places} \\ \begin{array}{r} 175 \\ \times 10 \\ \hline 000 \\ 1750 \\ \hline 1750 \end{array} \end{array}$$

answer requires 3 decimal places

$$\begin{array}{r} 7 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} .17 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} .592 \\ \times 10 \\ \hline \end{array}$$

Take $\frac{1}{10}$ of a number $\frac{1}{10} = .1$

$$\begin{array}{r} \text{moved} \\ \text{4 decimal} \\ \text{places} \\ \begin{array}{r} 175 \\ \times .1 \\ \hline 0175 \end{array} \end{array}$$

answer requires 4 decimal places

$$\begin{array}{r} .68 \\ \times .1 \\ \hline \end{array}$$

$$\begin{array}{r} .7 \\ \times .1 \\ \hline \end{array}$$

$$\begin{array}{r} .17 \\ \times .1 \\ \hline \end{array}$$

$$\begin{array}{r} .592 \\ \times .1 \\ \hline \end{array}$$

Write each number in standard form.

1) $.006 + 8,000 + 40 + .8 =$ _____

2) $10,000 + (5 \times \frac{1}{100}) + 20 + 6 + (9 \times \frac{1}{1000}) + 3,000 + (4 \times \frac{1}{10}) =$

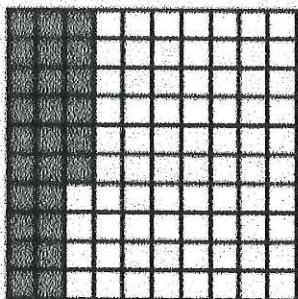
3) $.08 + 2,000 + (6 \times \frac{1}{1000}) + 3 + 200 + .1 =$ _____

Name: _____

Decimals: Hundredths and Tenths

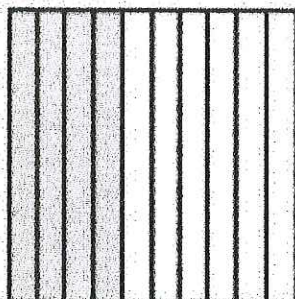
Write the decimal and the fraction of each shaded part.

a.

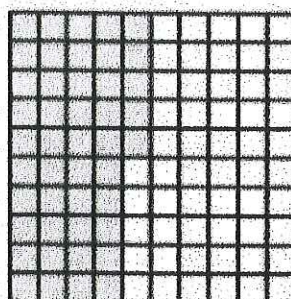


.26 $\frac{26}{100}$

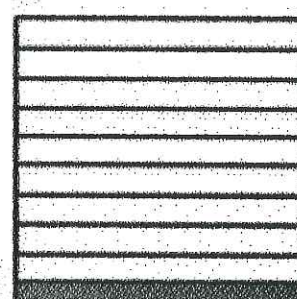
b.



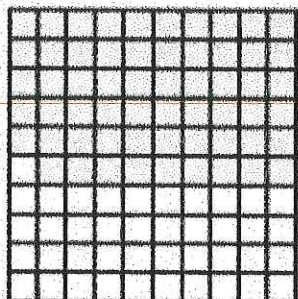
c.



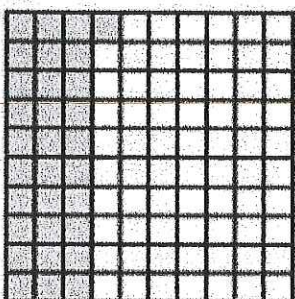
d.



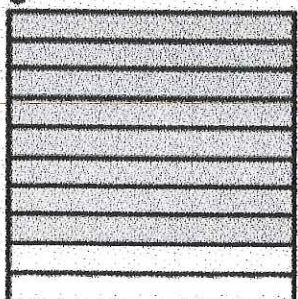
e.



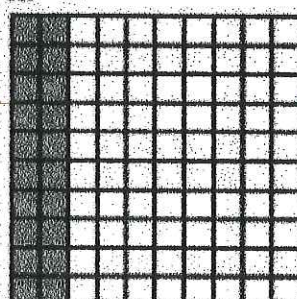
f.



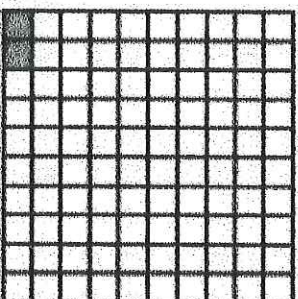
g.



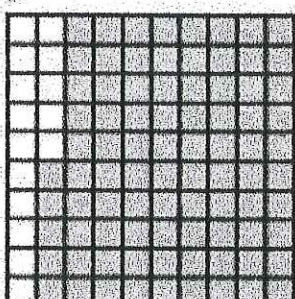
h.



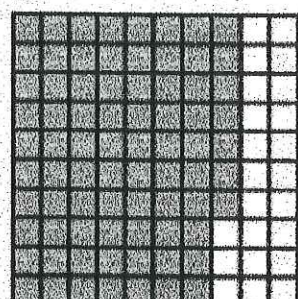
i.



j.



k.



l.

