

1pg GLO5 Form C

1). In the number below, draw a square around the digit in the ten millions place, draw a triangle around the digit in the hundred thousands place and draw a circle around the digit in the thousandths place:

6 $\square$,4 $\triangle$ 09,833.01 $\bigcirc$ 2

2). Write in standard form:
One million, one hundred forty thousand, six hundred nineteen and two tenths.

1,140,619.2

3). Fill in the chart below

fraction	decimal	percent
1/4	0.25	25%
9/10	0.9	90%
1/1	1.00	100%
1/10	0.1	10%
1/5	0.2	20%
1/2	0.5	50%

4). Compare using <, >, =

$$\begin{aligned} 3/5 & __ > __ 3/7 \\ 0.6 & __ > __ 0.59 \\ 1/2 & __ = __ 0.50 \\ 3/6 & __ = __ 4/8 \end{aligned}$$

5). Evaluate each expression below:

$$9(8 - 7) = 9$$

$$[3 + 8][0/3] = 0$$

$$50 - (7 \times 7) = 1$$

6). Write the numerical expression for:
Six times the sum of eight and two.

$$6(8 + 2)$$

7). Complete the chart:

X	Y
2	0
3	1
5	3
7	5
22	20

Write a rule for completing the chart.

Y is equal to X minus 2, $Y = X - 2$ or

X is equal to Y plus 2, $X = Y + 2$

8). Arrange in increasing order:

6/2, $2\frac{3}{4}$, 2.9, $3\frac{1}{2}$, 2.99, 4/1

$2\frac{3}{4}$, 2.9, 2.99, 6/2, $3\frac{1}{2}$, 4/1

9). Add:

$$\begin{aligned} \text{a) } 3 + 2\frac{1}{3} + 5/6 &= 6\frac{1}{6} \\ \text{b) } 5.16 + 0.025 + 3 &= 8.185 \\ \text{c) } 200 + 3000 + 10 + 0.4 &= 3210.4 \end{aligned}$$

10). Subtract:

$$\begin{aligned} \text{a) } 6 - 5\frac{3}{5} &= \frac{2}{5} \\ \text{b) } 5\frac{3}{10} - \frac{4}{5} &= 4\frac{1}{2} \\ \text{c) } 8 - 0.25 &= 7.75 \\ \text{d) } 9 - 4.81 &= 4.19 \end{aligned}$$

11). Multiply:

$$\begin{aligned} \text{a) } 177 \times 64 &= 11,328 \\ \text{b) } 100 \times 29 &= 2900 \\ \text{c) } (0.9)(0.9) &= 0.81 \\ \text{d) } 6.14 \times 10 &= 61.4 \\ \text{e) } 33 \times \frac{1}{3} &= 11 \\ \text{f) } \frac{1}{7} \times \frac{7}{8} &= \frac{1}{8} \\ \text{g) } (10)(4)(10)(10) &= 4000 \end{aligned}$$

12). Divide:

$$\begin{aligned} \text{a) } 1352 \div 52 &= 26 \\ \text{b) } 48 \div 100 &= 0.48 \\ \text{c) } 18 \div 0.6 &= 30 \\ \text{d) } 28.8 \div 0.12 &= 24 \\ \text{e) } \frac{1}{2} \div 5 &= \frac{1}{10} \\ \text{f) } 8 \div \frac{1}{4} &= 32 \\ \text{g) } 38/100 &= 0.38 \end{aligned}$$

KEY

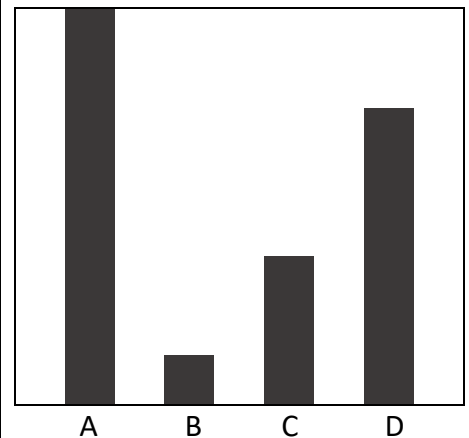
Name _____

13). Convert the following measurements:

$$\begin{aligned} \text{a) } 1\frac{1}{2} \text{ pounds} &= \underline{24} \text{ ounces} \\ \text{b) } 2.5 \text{ kg} &= \underline{2500} \text{ grams} \end{aligned}$$

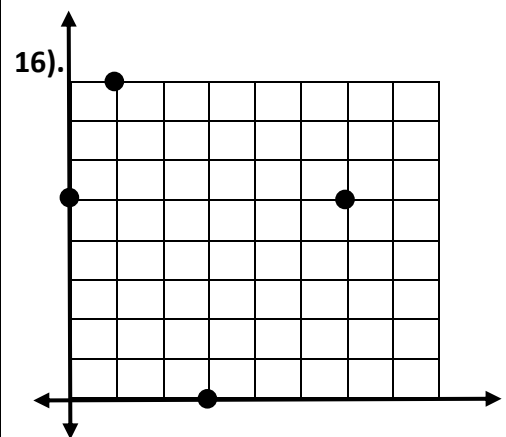
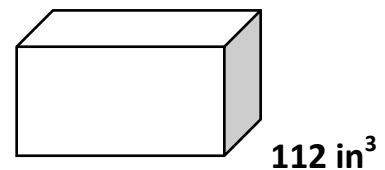
14). In the data display below, the value of column C is 3.

What is a reasonable estimate for the value of A - D ? **2**



15). Find the volume of the rectangular prism below:

L = 7 in. W = 4 in. H = 4 in.



On the graph above, plot and label the following points:

A (6,5) B (3,0) C (1,8) D (0,5)