1pg GL05 Form A

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

43,205,661.237

2). Write in standard form:
Three million, two hundred four thousand, one hundred seventeen and eight tenths.

3,204,117.8

3). Fill in the chart below

fraction	decimal	percent
1/2	**0.5**	**50%**
3/10	0.3	**30%**
1/4	**.25**	25%
3/4	**.75**	**75%**
4/5	0.8	**80%**
9/10	**0.9**	90%

4). Compare using <, >, =

3/4 __**=**__ 6/8
0.7 __**>**__ 0.55
1/2 __**=**__ 0.5
1/8 __**<**__ 1/4

5). Evaluate each expression below:

5(6+3) = **45**

[7 - 2][15/3]= **25**

20 – (9 X 2) = **2**

6). Write the numerical expression for:
Three times the sum of four and nine.

3(4 + 9)

7). Complete the chart

X	**Y**
2	9
3	10
5	12
7	**14**
13	20

Write a rule for completing the chart.
Y is equal to X plus 7, Y = X + 7
or **X is equal to Y minus 7**, **X = Y - 7**

8). Arrange in decreasing order:
9/2, 7.33, 1.1, 3 ½ , 0.975, 6/1
7.33, 6/1, 9/2, 3 ½, 1.1, 0.975

9). Add:
a) 4 + 3 2/3 + 5 5/6 = **13 ½**
b) 18 + 5.33 + 0.014 = **23.344**
c) 10 + 8.3 + 100 + 10 = **128.3**

10). Subtract:
a) 5 – 2 ¾ = **2 ¼**
b) 6 1/10 – 2 4/5 = **3 3/10**
c) 8 – 1.35 = **6.65**
d) 12.4 – 4.771 = **7.629**

11). Multiply:
a) 478 X 64 = **30,592**
b) 312 X 100 = **31,200**
c) (6.3)(0.22) = **1.386**
d) 2.38 X 10 = **23.8**
e) 28 X 1/4 = **7**
f) 3/5 X 5/8 = **3/8**
g) (10)(8)(10) = **800**

12). Divide:
a) 1872 ÷ 52 = **36**
b) 365 ÷ 10 = **36.5**
c) 49 ÷ 0.7 = **70**
d) 2.88 ÷ 0.12= **24**
e) 1/4 ÷ 5 = **1/20**
f) 7 ÷ 1/3 = **21**
g) 747/100 = **7.47**

KEY

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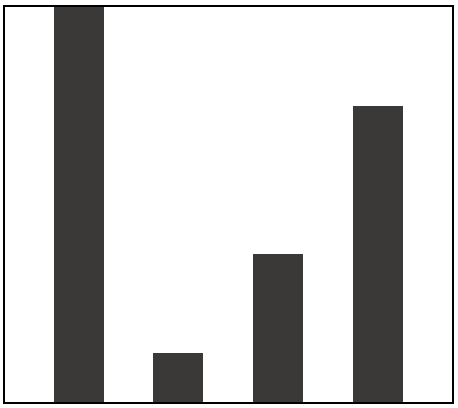
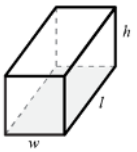
13). Convert the following measurements:

a) 2 1/2 ft. = __**30**__ inches
b) 0.7 meters = __**70**__ cm

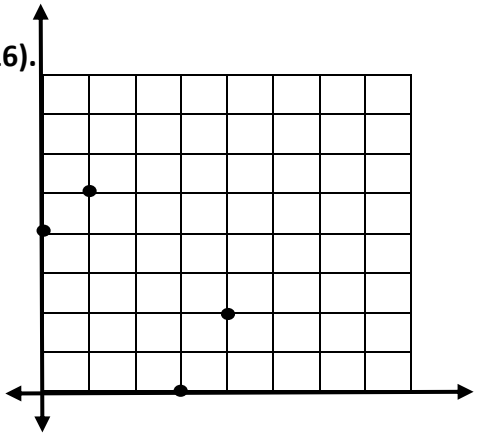
14). In the data display below, the value of column D is 9.
What is a reasonable estimate for the value of A + B ? **12 - 14**



15). Find the volume of the rectangular prism below: **120 in^3**
L = 8 in. W = 5 in. H = 3 in.



16).



On the graph above, plot and label the following points:
A (4,2) B (0,5) C (1,6) D (3,0)