

1pg GLO5 Form F

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

49,109,003[△]5[□]2[○]8

2). Write in standard form:
Twelve million, one hundred thirty thousand, two hundred twenty and four tenths.

12,130,220.4

3). Fill in the chart below

fraction	decimal	percent
1/4	0.25	25%
3/5	0.6	60%
3/4	0.75	75%
1/2	0.5	50%
9/10	0.9	90%
3/10	0.3	30%

4). Compare using <, >, =

$$3/7 \text{ } < \text{ } 3/5$$

$$1.0 \text{ } > \text{ } 0.55$$

$$1/2 \text{ } = \text{ } 0.5$$

$$3/5 \text{ } > \text{ } 1/2$$

5). Evaluate each expression below:

$$7(7 - 3) = 28$$

$$[4 + 3][12/3] = 28$$

$$50 + (3 \times 6) = 68$$

6). Write the numerical expression for:

Five times the difference of nine from twelve.

$$5(12 - 9)$$

7). Complete the chart

X	Y
2	6
3	9
5	15
7	21
11	33

Write a rule for completing the chart.

Y is equal to 3 times X, $Y = 3X$

or

X is equal to Y divided by 3, $X = Y/3$

8). Arrange in decreasing order:

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

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

9). Add:

$$a) 6 + 1\frac{2}{5} + \frac{7}{10} = 8\frac{1}{10}$$

$$b) 4 + 4.06 + 0.5 = 8.56$$

$$c) 2000 + 300 + 10 + 5.9 = 2315.9$$

10). Subtract:

$$a) 4 - 3\frac{3}{4} = \frac{1}{4}$$

$$b) 8\frac{1}{2} - \frac{4}{5} = 7\frac{7}{10}$$

$$c) 12 - 0.22 = 11.78$$

$$d) 11.1 - 5.81 = 5.29$$

11). Multiply:

$$a) 744 \times 86 = 63,984$$

$$b) 100 \times 549 = 54,900$$

$$c) (0.2)(0.77) = 0.154$$

$$d) 6.16 \times 10 = 61.6$$

$$e) 28 \times \frac{1}{4} = 7$$

$$f) \frac{2}{5} \times \frac{5}{6} = \frac{1}{3}$$

$$g) (10)(7)(100) = 7000$$

12). Divide:

$$a) 1824 \div 24 = 76$$

$$b) 288 \div 100 = 2.88$$

$$c) 24 \div 0.6 = 40$$

$$d) 240 \div 1.2 = 200$$

$$e) \frac{1}{3} \div 5 = \frac{1}{15}$$

$$f) 7 \div \frac{1}{3} = 21$$

$$g) 9/100 = 0.09$$

KEY

Name

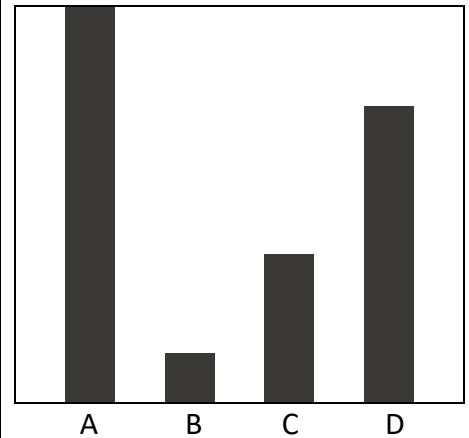
13). Convert the following measurements:

$$a) 2\frac{1}{3} \text{ ft.} = \underline{28} \text{ inches}$$

$$b) 0.3 \text{ meters} = \underline{30} \text{ cm}$$

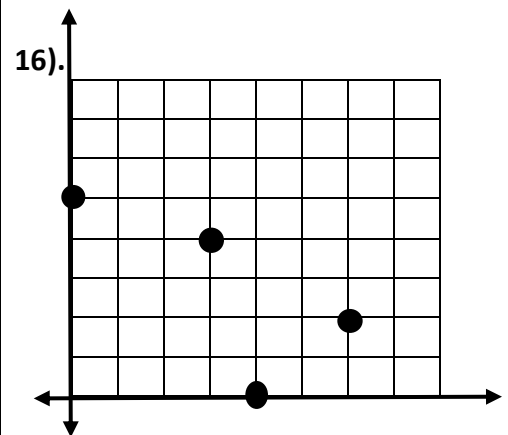
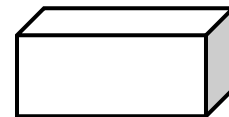
14). In the data display below, the value of column D is 6.

What is a reasonable estimate for the value of B + C ? **4**



15). Find the volume of the rectangular prism below: **20 m³**

L = 5 in. W = 2 in. H = 2 in.



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

A (6,2) B (0,5) C (3,4) D (4,0)