

1pg GLO5 Form E

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

8~~7~~,9~~5~~0,713~~2~~06

2). Write in standard form:
Two million, three hundred thirty-four thousand, one hundred seventy and three tenths.

2,334,170.3

3). Fill in the chart below

fraction	decimal	percent
9/10	0.9	90%
3/10	0.3	30%
1/2	0.5	50%
3/4	0.75	75%
1/10	0.1	10%
7/10	0.7	70%

4). Compare using <, >, =

$$3/5 \text{ ___ } > \text{ ___ } 3/7$$

$$0.88 \text{ ___ } < \text{ ___ } 0.9$$

$$3/6 \text{ ___ } = \text{ ___ } 0.5$$

$$2/8 \text{ ___ } = \text{ ___ } 1/6$$

5). Evaluate each expression below:

$$5(7 - 3) = \mathbf{20}$$

$$[4 + 3][9/3] = \mathbf{21}$$

$$50 + (8 \times 4) = \mathbf{82}$$

6). Write the numerical expression for:

Three times the difference of twelve and ten.

$$\mathbf{3(12 - 10)}$$

7). Complete the chart

X	Y
2	6
3	9
5	15
7	21
10	30

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,**

$$\mathbf{X = Y/3}$$

8). Arrange in increasing order:

$$3/2, 2 \frac{3}{4}, 2.1, 3 \frac{1}{2}, 1.99, 3/1$$

$$\mathbf{3/2, 1.99, 2.1, 2 \frac{3}{4}, 3/1, 3 \frac{1}{2}}$$

9). Add:

$$a) 7 + 1 \frac{2}{3} + 1/6 = \mathbf{8 \frac{5}{6}}$$

$$b) 3.02 + 0.025 + 14 = \mathbf{17.045}$$

$$c) 100 + 8.3 + 10 + 10 = \mathbf{128.3}$$

10). Subtract:

$$a) 9 - 5 \frac{2}{3} = \mathbf{3 \frac{1}{3}}$$

$$b) 3 \frac{1}{10} - \frac{2}{5} = \mathbf{2 \frac{7}{10}}$$

$$c) 6 - 0.28 = \mathbf{5.72}$$

$$d) 12.9 - 2.82 = \mathbf{10.08}$$

11). Multiply:

$$a) 365 \times 45 = \mathbf{16,425}$$

$$b) 100 \times 380 = \mathbf{38,000}$$

$$c) (0.26)(0.6) = \mathbf{0.156}$$

$$d) 89.4 \times 10 = \mathbf{894}$$

$$e) 20 \times 1/4 = \mathbf{5}$$

$$f) 3/7 \times 7/8 = \mathbf{3/8}$$

$$g) (100)(9)(100) = \mathbf{90,000}$$

12). Divide:

$$a) 2268 \div 36 = \mathbf{63}$$

$$b) 795 \div 10 = \mathbf{79.5}$$

$$c) 3.6 \div 0.6 = \mathbf{6}$$

$$d) 12 \div 0.12 = \mathbf{100}$$

$$e) 1/5 \div 4 = \mathbf{1/20}$$

$$f) 5 \div 1/2 = \mathbf{10}$$

$$g) 3/100 = \mathbf{0.03}$$

KEY

Name _____

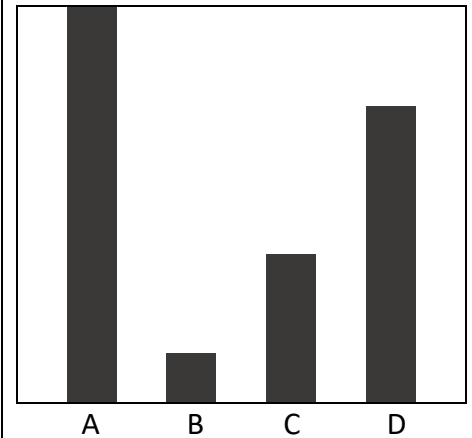
13). Convert the following measurements:

$$a) 1 \frac{1}{2} \text{ ft.} = \mathbf{18} \text{ inches}$$

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

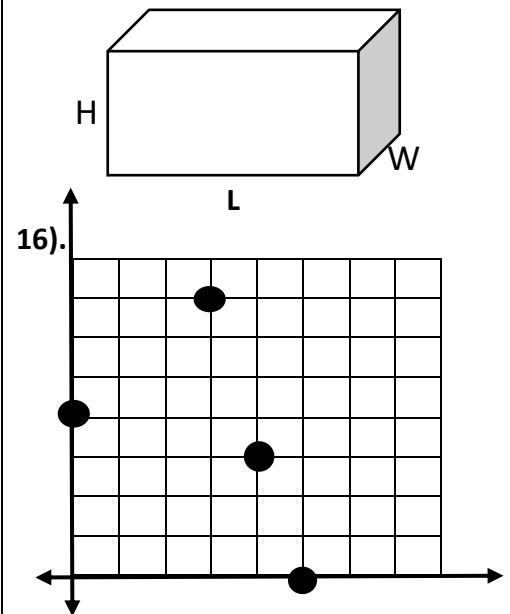
14). In the data display below, the value of column D is 6.

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



15). Find the volume of the rectangular prism below: **200 in³**

L = 8 in. W = 5 in. H = 5 in.



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

A (5,0) B (4,3) C (0,4) D (3,7)