

1pg GL05 Form G

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:

⑨4,506,332.147

2). Write in standard form:
Eight million, two hundred five thousand, three hundred seventeen and four tenths.
8,205,317.4

3). Fill in the chart below

fraction	decimal	percent
1/4	0.25	25%
1/10	0.1	10%
3/4	0.75	75%
1/2	0.5	50%
4/5	0.8	80%
3/10	0.3	30%

4). Compare using <, >, =

$$3/4 \text{ } \underline{>} \text{ } 1/2$$

$$0.7 \text{ } \underline{<} \text{ } 7.0$$

$$1/3 \text{ } \underline{<} \text{ } 0.5$$

$$2/8 \text{ } \underline{=} \text{ } 1/4$$

5). Evaluate each expression below:

$$7(6+1) = \mathbf{49}$$

$$[9 - 2][21/3] = \mathbf{49}$$

$$30 - (9 \times 3) = \mathbf{3}$$

6). Write the numerical expression for:

Three times the sum of eight and nine.

$$3(8 + 9)$$

7). Complete the chart

X	Y
2	8
3	12
5	20
7	28
10	40

Write a rule for completing the chart.

Y is equal to 4 times X, $Y = 4X$

or

X is equal to Y divided by 4, $X = Y/4$

8). Arrange in decreasing order:

9/9, 8.9, $1^9/10$, $9 \frac{1}{2}$, 0.9, 9.0

$9 \frac{1}{2}$, 9.0, 8.9, $1^9/10$, 9/9, 0.9

9). Add:

$$a) 2 + 3 \frac{2}{3} + 5 \frac{3}{4} = \mathbf{11 \frac{5}{12}}$$

$$b) 22 + 5.33 + 0.7 = \mathbf{28.03}$$

$$c) 10 + 0.53 + 100 + 10 = \mathbf{120.53}$$

10). Subtract:

$$a) 7 - \frac{2}{3} = \mathbf{6 \frac{1}{3}}$$

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

$$c) 4 - 2.55 = \mathbf{1.45}$$

$$d) 15.4 - 2.07 = \mathbf{13.33}$$

11). Multiply:

$$a) 418 \times 74 = \mathbf{30,932}$$

$$b) 715 \times 100 = \mathbf{71,500}$$

$$c) (9.2)(0.22) = \mathbf{2.024}$$

$$d) 6.17 \times 10 = \mathbf{61.7}$$

$$e) 40 \times \frac{1}{4} = \mathbf{10}$$

$$f) \frac{2}{9} \times \frac{9}{10} = \mathbf{\frac{1}{5}}$$

$$g) (10)(8)(10)(8) = \mathbf{6400}$$

12). Divide:

$$a) 2340 \div 52 = \mathbf{45}$$

$$b) 715 \div 10 = \mathbf{71.5}$$

$$c) 35 \div 0.7 = \mathbf{50}$$

$$d) 288 \div 0.12 = \mathbf{2400}$$

$$e) \frac{1}{4} \div 6 = \mathbf{\frac{1}{24}}$$

$$f) 7 \div \frac{1}{5} = \mathbf{35}$$

$$g) 63/100 = \mathbf{0.63}$$

KEY

Name _____

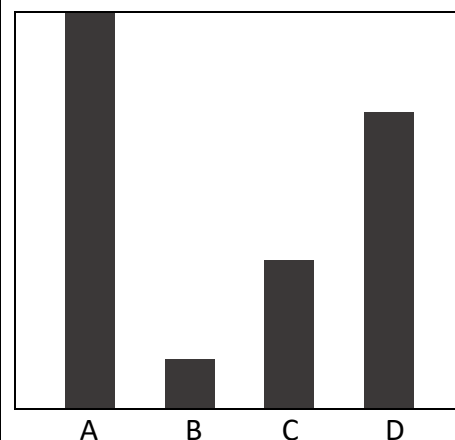
13). Convert the following measurements:

$$a) 4 \frac{1}{4} \text{ ft.} = \underline{\mathbf{51}} \text{ inches}$$

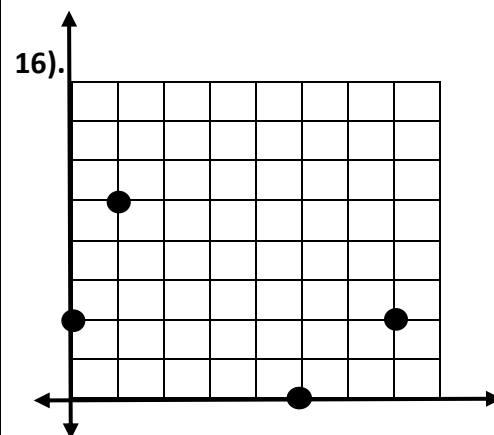
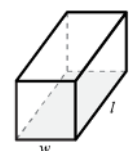
$$b) 1.1 \text{ meters} = \underline{\mathbf{110}} \text{ cm}$$

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

What is a reasonable estimate for the value of A + C? **10 - 12**



15). Find the volume of the rectangular prism below: **250 in³**
L = 10 in. W = 5 in. H = 5 in.



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

A (7,2) B (0,2) C (1,5) D (5,0)