

1) Define the following terms. (On the test it will be matching.)

- |                           |                  |                     |
|---------------------------|------------------|---------------------|
| A. Additive Inverse       | B. Graph         | C. Number Line      |
| D. Integers               | E. Whole Numbers | F. Rational Numbers |
| G. Multiplicative Inverse | H. Reciprocal    | I. Opposite         |
| J. Natural Numbers        |                  |                     |

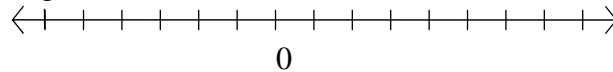
2) 0 and 5 are

- |                          |                          |                      |
|--------------------------|--------------------------|----------------------|
| a) positive integers     | b) non positive integers | c) negative integers |
| d) non negative integers | e) none of these         |                      |

3) Which of the following is an integer?

- |                  |      |                  |                   |                 |
|------------------|------|------------------|-------------------|-----------------|
| a) $\frac{1}{2}$ | b) 0 | c) $\frac{3}{4}$ | d) $-\frac{2}{3}$ | e) all of these |
|------------------|------|------------------|-------------------|-----------------|

4) Graph the integers greater than 1.



5) Change subtraction to addition.  $5 - (-4) =$

- |               |                |               |                |                |
|---------------|----------------|---------------|----------------|----------------|
| a) $5 + (+4)$ | b) $-5 + (-4)$ | c) $5 + (-4)$ | d) $-5 + (+4)$ | e) $-5 - (+4)$ |
|---------------|----------------|---------------|----------------|----------------|

6) The opposite of -5 is

- |       |                  |      |        |                  |
|-------|------------------|------|--------|------------------|
| a) -5 | b) $\frac{1}{5}$ | c) 5 | d) 0.5 | e) none of these |
|-------|------------------|------|--------|------------------|

Evaluate. Show all work where possible.

7) Evaluate  $m + 4$  if  $m = -9$ .      8)  $21 - 35$       9)  $\frac{2}{3} - \left(\frac{-1}{5}\right)$

10)  $-72 - (-32)$       11)  $-64 + 4 + (-10)12$        $-52 + (-14)$

13)  $-12 + 16$       14)  $5 - (-4)$       15)  $\frac{1}{2} + \left(\frac{-1}{8}\right)$

16)  $\frac{12}{7} \cdot \frac{14}{3}$       17)  $-7 \cdot -6$       18)  $\frac{7}{10} \div \frac{-3}{7}$

19)  $\frac{-2}{\frac{3}{\frac{4}{9}}}$

20)  $(4a + 8) / 2$

21)  $-6 \div -3$

22) List  $\frac{3}{4}$ ,  $\frac{4}{5}$ ,  $\frac{1}{2}$ , and  $\frac{7}{10}$  in order from least to greatest,. Which would be first?