

## Grade 7 – N5 #5

11) Which number is between  $\frac{3}{4}$  and 0.8?

a. 0.810

b. 0.25

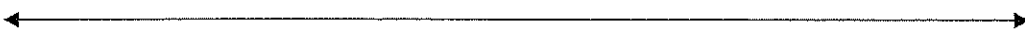
c. 0.760

d. 1.40

12) Which is greater: 0.300 or  $\frac{3}{8}$ ? How do you know?

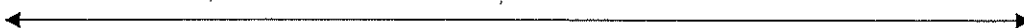
13) Place the following fractions on a number line:

60%;  $\frac{1}{4}$ ;  $\frac{6}{5}$ ;  $\frac{11}{20}$ ;  $1\frac{1}{4}$



14) Place the following numbers on a number line:

$1\frac{1}{8}$ ; 0.25;  $\frac{8}{5}$ ;  $-\frac{13}{10}$ ;  $1\frac{3}{8}$



15) Who am I?

$\frac{1}{2}$   $\frac{5}{12}$   $\frac{1}{4}$   $\frac{8}{12}$   $\frac{2}{3}$

I am less than one-half.

I am greater than one-third.

My denominator is a multiple of three.

I am simplified. I am \_\_\_\_\_.

16) Suzie and Polly both worked very hard and have nearly completed their math assignment.

Suzie has completed  $\frac{5}{6}$  of the project and Polly has completed 0.8 of her project. Who was closer to completing the assignment? How do you know this?

## Grade 7 – N7 #2

- 1)
  - a. Arrange the numbers in ascending order:  $-1.0, 0.6, 5, 0.25, 0.7$
  - b. Arrange the numbers in ascending order:  $6.2, -3, 2.4, 5, 2.7$
  - c. Arrange the numbers in descending order:  $1.34, 1.375, 1.32, 3.2, -2$
  - d. Arrange the numbers in descending order:  $0.75, 0.9, 0.67, 0.35, 2$
  
- 2)
  - a. Arrange the numbers in ascending order:  $\frac{3}{4}, 0.7, 1.9, 1.75, 0.63$
  - b. Arrange the numbers in ascending order:  $-2, 0.45, \frac{2}{5}, 1.3, 0.67$
  - c. Arrange the numbers in descending order:  $0.85, -3, 0.7, \frac{1}{3}, 0.47$
  - d. Arrange the numbers in descending order:  $0.65, \frac{6}{10}, 0.43, -1, 0.8$
  
- 3)
  - a. Arrange the numbers in ascending order:  $\frac{3}{8}, -4, 1.21, 1\frac{1}{4}, 0.431$
  - b. Arrange the numbers in ascending order:  $-2, 0.32, 4\frac{3}{5}, \frac{2}{3}, 0.225$
  - c. Arrange the numbers in descending order:  $2\frac{1}{3}, -3, 0.71, \frac{3}{4}, 1.545$
  - d. Arrange the numbers in descending order:  $-5, \frac{1}{5}, 2.25, 1\frac{2}{3}, 1.39$
  
- 4)
  - a. Arrange the numbers in ascending order:  $1\frac{3}{8}, 0.37, 2.375, -1, 0.372$
  - b. Arrange the numbers in ascending order:  $0.65, 1\frac{2}{3}, 0.675, 2\frac{1}{2}, 1.67$
  - c. Arrange the numbers in descending order:  $-2, \frac{1}{3}, 0.35, 1\frac{1}{3}, 0.375$
  - d. Arrange the numbers in descending order:  $\frac{7}{10}, -7, 0.76, \frac{3}{4}, 0.752$

## Grade 7 – N7 #4

1) Arrange the following numbers in ascending order.

a.  $\frac{1}{4}$ ;  $-\frac{1}{3}$ ; 0.33; 0.75;  $-0.25$

b.  $1\frac{4}{5}$ ;  $-1$ ; 0; 0.335;  $-1\frac{8}{10}$

c. 25; 2.5;  $-2.5$ ; 0.25;  $-2.25$

d. 0;  $-240$ ; 99;  $85\frac{1}{4}$ ;  $-\frac{8}{15}$

2) Put in ascending order.

a. 0.3;  $-1$ ;  $-2$ ;  $\frac{1}{5}$ ;  $\frac{2}{3}$

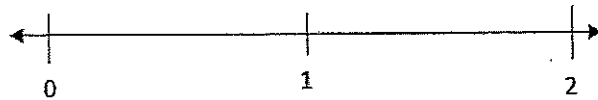
b.  $-5$ ; 3;  $\frac{1}{2}$ ;  $1\frac{1}{2}$ ; 0

c. 0.4;  $\frac{1}{4}$ ; 4;  $-4$ ;  $\frac{4}{5}$

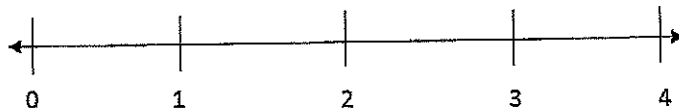
d. 0.25; 2.5;  $-2$ ;  $2\frac{1}{5}$ ;  $\frac{2}{5}$

3) Place these numbers correctly on the number line.

a.  $\frac{3}{6}$ ; 1.5;  $\frac{1}{3}$ ;  $1\frac{7}{8}$



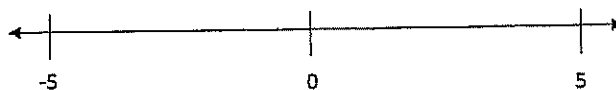
b. 2.7; 0.8;  $\frac{10}{3}$ ;  $1\frac{1}{4}$



c. 0.5;  $1\frac{6}{7}$ ; 2.9;  $-3$



d.  $-1$ ;  $-4$ ;  $2\frac{1}{2}$ ; 0.25



### Grade 7 – N6 #3

- 1) Calculate.  $-7 + (-8)$
- 2) Calculate.  $-2 + 4$
- 3) Calculate.  $-9 + (-3)$
- 4) Calculate.  $4 - 10$
- 5) Calculate.  $-8 - 20$
- 6) Calculate.  $20 - (-30)$
- 7) Calculate.  $-11 - (-1)$
- 8) Calculate.  $-7 - (-12)$
- 9) Calculate.  $-6 - (-4)$
- 10) Calculate.  $26 + (-11) - (-8)$
- 11) Calculate.  $-13 - (-15) + 7$
- 12) Calculate.  $17 + (-12) - (-9)$

## Grade 7 – N6 #4

### Constructed Response

- 1)
  - a.  $(-5) + (-7)$
  - b.  $4 + 9$
  - c.  $(-7) + (-4)$
  - d.  $6 + 3$
  
- 2)
  - a.  $11 + (-5)$
  - b.  $(-8) + 10$
  - c.  $(-3) + 6$
  - d.  $14 + (-7)$
  
- 3)
  - a.  $6 - 5$
  - b.  $9 - (-15)$
  - c.  $(-8) - 5$
  - d.  $(-11) - (-7)$
  
- 4)
  - a.  $7 - (-8) + 4$
  - b.  $42 - 52 - (-8) + 1$
  - c.  $(-11) + 15 + (-7) - 20$
  - d.  $(-2) + (-8) - 8 + 10$