

# No Warm Up Today

Please have out your Spiral and the Temperature & Elevation Worksheet from yesterday.

CCM6 and CCM6+ - Quarter 2 - Week 1			
	Problem 1	Problem 2	Gridded Response
Monday	What is the value of $(\frac{2}{3})^3$ ?	Meghan wants to retile her bathroom floor. If the home improvement store sells one square foot of tile for \$2.49, how much will it cost Meghan to retile 32 square feet? Write your answer as a decimal to two places.	<p>Problem 2</p>
Tuesday	What is the greatest common factor (GCF) of 16 and 21?	Save Mart is selling bananas for \$1.39 a pound. Grocery Depot charges \$3.99 for a 3-pound bag of bananas. How much will Luis save if he buys the bananas at Grocery Depot? Write your answer as a decimal to two places.	<p>Problem 2</p>
Wednesday	What is the value of $5 + 4^2 - 2(10 - 5 + 2)$ ? $2(7)$ $5 + 16 - 14$ $= 7$	As part of this month's customer appreciation, iSongs is offering every fifth customer a free song download. Every twelfth customer gets a free video download. How many customers in the first 200 will receive both the free song and free video downloads? $60, 120, 180$ $3$	<p>Problem 1</p>

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CCM6 and CCM6+ - Quarter 2 - Week 1

Thursday	Which is greater: $\frac{3}{7}$ or 0.55?	Grandma Susette is making a quilt. If the area of the quilt is $24\frac{3}{5}$ square feet and one side has a length of $4\frac{1}{10}$ , what is the width of the quilt?	<p><i>Problem 1</i></p>
Friday	What is the sum of 4.5 and $2\frac{2}{5}$ ? Express your answer as an improper fraction or a decimal.	The Salt Sea is a lake surrounding the Dead Sea. Its shores are 1388 feet below sea level. Express this elevation as an integer.	<p><i>Problem 2</i></p>

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## Why Did the Bank Robber Run Home and Jump in the Shower?

Write an integer for each situation. Find the point on the number line that corresponds to the integer. Write the letter of the exercise above the number line at that point.

**THAT'S WHERE HE HAD HIS HIDE OUT**

**E-55**

- (H) 3 units to the left of 0 **-3**
- (A) the opposite of 13 **-13**
- (D) 2 units to the right of 0 **2**
- (E) the opposite of -11 **11**
- (H) 8° below zero **-8**
- (S) opposite of 6
- (T) a deposit of \$15 **15**
- (R) 6 ft below sea level **-6**
- (I) a gain of 9 yd **9**
- (A) 1 point higher **1**

- (H) a loss of \$14 **-14**
- (S) 11 fewer members **-11**
- (I) an increase of 5 miles per hour **5**
- (E) 2 km below the surface **-2**
- (T) 15 s before blastoff **-15**
- (W) a withdrawal of \$9 **-9**
- (H) up 4 flights **4**
- (U) put in 14 gal **14**
- (E) 5 years ago **-5**
- (T) a debt of \$12 **-12**

- (D) score 10 points **10**
- (H) 8 steps forward **8**
- (E) the opposite of 7 **-7**
- (D) the opposite of -13 **13**
- (H) not positive or negative **0**

DEPOSIT

**LESSON 9-2 Practice C**  
**Comparing and Ordering Integers**

Compare. Write < or >.

1.  $-99 < 97$       2.  $-1,876 > -1,877$       3.  $-1 < |-2|$   
 4.  $-75 < -7$       5.  $|+19| > 9$       6.  $205 > -204$

Order the integers in each set from least to greatest.

7.  $-15, -14, 20, -25$       8.  $16, -30, 0, -9$       9.  $78, -7, -8, 8$   
 $-25, -15, -14, 20$        $-30, -9, 0, 16$        $4, -8, -7, 78, 8$

10.  $205, -20, -5, |+50|$       11.  $-78, -89, 78, 9$       12.  $-55, |-2|, -60, 0$

Order the integers in each set from greatest to least.

13.  $12, -2, 10, -12$       14.  $-13, -16, 6, -3$       15.  $99, -9, -99, 9$

16.  $28, |-8|, -8, 0$       17.  $37, -37, -38, 38$       18.  $-111, -1, 1, 11$

19. Four friends went scuba diving today. All dove 70 feet. Tim went down 50 feet, Carl dove 65 feet, and Brenda reached 48 feet below sea level. Write the four friends' names in order from the person whose depth was closest to the surface to the person whose depth was the farthest from the surface.  
 $B, T, C, A$

20. Ted is comparing the temperatures of three days in January. The temperatures on Monday and Tuesday had the same absolute value. The temperature on Wednesday was neither positive nor negative. The temperature dropped below zero on Monday. Write the three days in order from the highest to the lowest temperatures.

**LESSON 9-2 Practice C**  
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 $-25, -15, -14, 20$        $-30, -9, 0, 16$        $-8, -7, 8, 78$

10.  $205, -20, -5, |+50|$       11.  $-78, -89, 78, 9$       12.  $-55, |-2|, -60, 0$   
 $-20, -5, |+50|, 205$        $-89, -78, 9, 78$        $-60, -55, 0, |-2|$

Order the integers in each set from greatest to least.

13.  $12, -2, 10, -12$       14.  $-13, -16, 6, -3$       15.  $99, -9, -99, 9$   
 $12, 10, -2, -12$        $6, -3, -13, -16$        $99, 9, -9, -99$

16.  $28, |-8|, -8, 0$       17.  $37, -37, -38, 38$       18.  $-111, -1, 1, 11$   
 $28, |-8|, 0, -8$        $38, 37, -37, -38$        $11, 1, -1, -111$

19. Four friends went scuba diving today. Ali dove 70 feet, Tim went down 50 feet, Carl dove 65 feet, and Brenda reached 48 feet below sea level. Write the four friends' names in order from the person whose depth was closest to the surface to the person whose depth was the farthest from the surface.  
 $Brenda, Tim, Carl, Ali$

20. Ted is comparing the temperatures of three days in January. The temperatures on Monday and Tuesday had the same absolute value. The temperature on Wednesday was neither positive nor negative. The temperature dropped below zero on Monday. Write the three days in order from the highest to the lowest temperatures.  
 $Tuesday, Wednesday, Monday$

M	0.00
T	0.00
W	0

# Comparing and Ordering Rational Numbers

Rational Numbers- Any number that can be expressed as a fraction.

Student Name: \_\_\_\_\_ Score: \_\_\_\_\_

**Answers**  
 $G \rightarrow L$

-4.5, 3.2, 6.1, -3.2, -6.1, 4.5, 0  
 Answer: 3 1 5 7 2 4

6.1, 4.5, 3.2, 0, -3.2, -4.5, -6.1

29.7 -43.88 52.22 12.1 73.34 -35.2

**Answer:**

-3.349 -45.5 -873.67 -0.7373 24.1 3.56  
 4 5 6 3 1 2

**Answer:**  
 24.1, 3.56, 0.7373, 3.349, 45.5, 873.67, -0.0003, -3.000

0.3, -0.3, -0.03, -0.003, -0.0003, 0.0003  
 Answer: 6 7 6 5 3 1

0.3, 0.0003, 0, -0.0003, -0.003, -0.03, -0.3

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Student Name: \_\_\_\_\_ Score: \_\_\_\_\_

**Answers**

14.367, -28.7784, 213.22, -361.238, 5.2, -5.33

\_\_\_\_\_

-11.111, -111.11, 1.11, 11.1, -11.1, -1.11

\_\_\_\_\_

8.1, 67.3, 82.55, 121.91, 2.2, 46.76

\_\_\_\_\_

8.0008, 8.0, -8.08, -8.0, -8.008, -0.8

\_\_\_\_\_

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Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

Write the Correct Comparison Symbol ( >, < or = ) in Each Box

1)  $\frac{-8}{9}$   < -0.764  11)  $\frac{-1}{2}$   -0.35

2)  $\frac{-7}{8}$   -0.875  12)  $\frac{8}{12}$   0.667

3)  $\frac{-4}{11}$   -0.364  13)  $\frac{3}{7}$   0.329

4)  $\frac{1}{3}$   >  $\frac{2}{6}$   0.208  14)  $\frac{7}{8}$   0.9  *.111*

*.733*

5)  $\frac{-8}{10}$   = -0.8  15)  $\frac{1}{9}$   > 0.061  *.111* *.061*


6)  $\frac{1}{6}$   0.017

7)  $\frac{1}{3}$   0.408

8)  $\frac{-3}{5}$   -0.6

9)  $\frac{-4}{5}$   -0.675  19)  $\frac{-1}{7}$   -0.043

10)  $\frac{-6}{12}$   -0.625  20)  $\frac{2}{3}$   0.667

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Increasing Order – Fractions

Arrange and write the fractions in increasing order: Work Space

**Answers**

$\frac{1}{3}, -\frac{2}{5}, -\frac{7}{10}, \frac{8}{15}$

$\frac{1}{2}, \frac{3}{4}, -\frac{1}{2}, -\frac{3}{4}$  -1, 1, 0 L → G

**Answers:**  $-\frac{3}{4}, -\frac{1}{2}, \frac{1}{2}, \frac{3}{4}$

$\frac{3}{-2}, \frac{5}{6}, \frac{4}{3}, \frac{2}{-3}, -\frac{5}{6}$  -5, -83, .75, .66, -83

$-\frac{17}{24}, -\frac{5}{8}, -\frac{7}{12}, \frac{1}{6}$

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Student Name: \_\_\_\_\_ Score: \_\_\_\_\_

**Answers**

$-\frac{2}{3}, \frac{5}{6}, \frac{3}{4}, \frac{1}{2}$

4, 23, 1, 5

7, 1, 7, 3

$-\frac{1}{2}, \frac{2}{3}, \frac{4}{5}, \frac{1}{3}, \frac{2}{3}$  -4/5, -2/3, -1/2, -1/3, 2/3

$-.5, .66, .8, .83, .66$

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**Least to Greatest** -

14.367 , -28.7784 , 213.22 , -361.238 , 5.2 , -5.33

-11.111 , -111.11 , 1.11 , 11.1 , -11.1 , -1.11

**Greatest to Least** -

-4.5 , 3.2 , 6.1 , -3.2 , -6.1 , 4.5

-3.349 , -45.5 , -873.67 , -0.7373 , 24.1 , 3.56

Compare and Order Negative Decimals and Fractions HW

Compare. Use  $>$ ,  $<$ , or  $=$ .

**ALL**

1.)  $-\frac{7}{8}$    $-0.875$

2.)  $-0.364$    $-\frac{4}{11}$

3.)  $-\frac{1}{9}$    $-0.061$

4.)  $-0.329$    $-\frac{3}{7}$

Order from least to greatest.

5.)  $-\frac{4}{5}$ ,  $-\frac{3}{10}$ ,  $-0.68$ ,  $-\frac{2}{3}$ ,  $-0.35$ ,  $-1$

6.)  $-\frac{2}{5}$ ,  $-\frac{3}{4}$ ,  $0.68$ ,  $\frac{2}{3}$ ,  $-0.45$ ,  $0$

7.)  $-1\frac{5}{6}$ ,  $-1\frac{5}{12}$ ,  $-0.125$ ,  $-\frac{2}{3}$ ,  $-0.375$

Compare and Order Negative Decimals and Fractions HW

Compare. Use  $>$ ,  $<$ , or  $=$ .

**ALL**

1.)  $-\frac{7}{8}$    $-0.875$

2.)  $-0.364$    $-\frac{4}{11}$   
 $-0.3636$

3.)  $-\frac{1}{9}$    $-0.061$   
 $-0.111$

4.)  $-0.329$    $-\frac{3}{7}$   
 $-0.428$

Order from least to greatest.

5.)  $-\frac{4}{5}$ ,  $-\frac{3}{10}$ ,  $-0.68$ ,  $-\frac{2}{3}$ ,  $-0.35$ ,  $-1$

$-1, -\frac{4}{5}, -0.68, -\frac{2}{3}, -0.35, -\frac{3}{10}$

6.)  $-\frac{2}{5}$ ,  $-\frac{3}{4}$ ,  $0.68$ ,  $\frac{2}{3}$ ,  $-0.45$ ,  $0$

$-\frac{3}{4}, -0.45, -\frac{2}{5}, 0, \frac{2}{3}, 0.68$

7.)  $-1\frac{5}{6}$ ,  $-1\frac{5}{12}$ ,  $-0.125$ ,  $-\frac{2}{3}$ ,  $-0.375$

$-1\frac{5}{6}, -1\frac{5}{12}, -\frac{2}{3}, -0.375, -0.125$