

6th Grade  
Oct 27, 2020

Please get out  
yesterday's WS.

Today we will:  
-review HW  
-work on Skills  
Practice WS

HOMEWORK:

Complete Skills WS

ALEKS-60 minutes  
and 5 topics due by  
11:59pm Nov. 2



HW:

Fill in each  $\bigcirc$  with  $<$ ,  $>$ , or  $=$  to make a true statement. (Example 1)

1.  $-2 > -4$

2.  $1 > -3$

3.  $5 > 0$

4. Amy is building a house. The basement floor is at  $-15$  feet. The roof of the house is above the ground 25 feet. Write an inequality to compare the heights. Explain the meaning of the inequality. (Example 2)

$-15 < 25$ ; The roof of the house is at a greater height than the basement floor.

5. The low temperature in Anchorage, Alaska, one day was  $-9^\circ\text{F}$ . On the same day, the low temperature in Flagstaff, Arizona, was  $26^\circ\text{F}$ . Write an inequality to compare the temperatures. Explain the meaning of the inequality. (Example 2)

$-9 < 26$ ; The temperature in Flagstaff, Arizona, was warmer.

Order each set of integers from least to greatest. (Example 3)

6.  $\{15, 17, 21, 6, 3\}$   
3, 6, 15, 17, 21

7.  $\{-55, 143, 18, -79, 44, 101\}$   
 $-79, -55, 18, 44, 101, 143$

8. The table indicates Xavier's cell phone use over the last four months. Positive values indicate the number of minutes he went over his allotted time, and negative values indicate the number of minutes he was under. Arrange the months from least to most minutes used. (Example 4)

Month	Time (min)
February	-156
March	12
April	0
May	-45

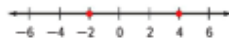
February, May, April, March

$-156, -45, 0, 12$

Fill in each  $\bigcirc$  with  $<$ ,  $>$ , or  $=$  to make a true statement.

15.  $-2 < 4$

Since -2 is to the left of 4,  $-2 < 4$ .



16.  $-6 < 3$

17.  $-3 < 2$

18. The elevation of Driskill Mountain, Louisiana, is 163 meters above sea level. Death Valley has an elevation of  $-86$  meters. Write an inequality to compare the elevations. Explain the meaning of the inequality.  
 $163 > -86$ ; Driskill Mountain has a higher elevation than Death Valley.

19. Yvonne owes her sister \$25. Michael's checking account balance is  $-\$20$ . Write an inequality to compare the amounts. Explain the meaning of the inequality.  
 $-20 > -25$ ; Michael owes less money than Yvonne.

Order each set of integers from least to greatest.

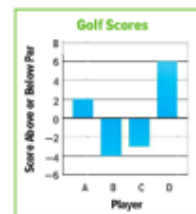
20.  $\{14, 1, 6, 23, 7, 5\}$   
1, 5, 6, 7, 14, 23

21.  $\{-221, 63, 54, -89, -71, -10\}$   
 $-221, -89, -71, -10, 54, 63$

22. Gary, Sindhu, and Beth are all waiting for their trains to arrive. Gary's train leaves at 5 minutes before noon, Sindhu's leaves at 25 minutes after noon, and Beth's leaves 5 minutes before Sindhu's train. Order the three by who will leave first.  
Gary, Beth, Sindhu

23. Use Math Tools Use the bar graph and the information below. The bar graph gives the scores of four golfers (A, B, C, and D). The numbers indicate scores above and below par.

a. Order the scores on a number line.



b. Which player had the worst score? Explain your answer.

D; Since  $-4 < -3 < 2 < 6$ , player D had the most strokes over par.




 Name \_\_\_\_\_  
 Unit \_\_\_\_ Lesson \_\_\_\_ Due Date \_\_\_\_\_  
**PRACTICE**



**Lesson 3 Skills Practice**  
**Compare and Order Integers**



Replace each  $\bullet$  with  $<$  or  $>$  to make a true statement. Use a number line if needed.

1.  $-9 \bullet 8$

2.  $0 \bullet -1$

3.  $-6 \bullet 6$

4.  $3 \bullet -3$

5.  $12 \bullet -21$

6.  $-12 \bullet -10$

7.  $5 \bullet -5$

8.  $-83 \bullet -80$

9.  $-9 \bullet 12$

10.  $-57 \bullet -75$

11.  $-56 \bullet 56$

12.  $0 \bullet -10$

**Order each set of integers from least to greatest.**

13.  $\{2, -6, -2, 0\}$

14.  $\{9, -8, 4, -9\}$

15.  $\{-6, 9, 10, -14, 0\}$

16.  $\{9, -11, -8, 12, 3\}$

**Order each set of integers from greatest to least.**

17.  $\{5, -3, -11, 9\}$

18.  $\{-3, 2, -4, -17\}$

19.  $\{14, -16, 9, -10, 0\}$

20.  $\{-11, -8, 24, -20, 11\}$

