

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

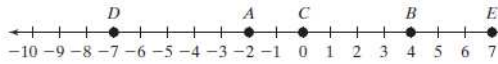
Period: \_\_\_\_\_

## Unit 3 and CCA Review A

Grade 7 Math

Klein ISD 2013 - 2014

- 1 Write the letters below in order from least to greatest.



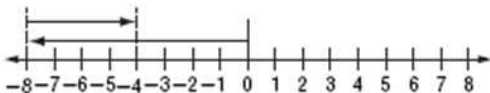
- 2 \_\_\_\_\_ The price of a share of stock started the day at \$37. During the day it went down \$3, up \$1, down \$7, and up \$4. What is the integer that represents the price of a share at the end of the day?

- 3 \_\_\_\_\_ Evaluate.

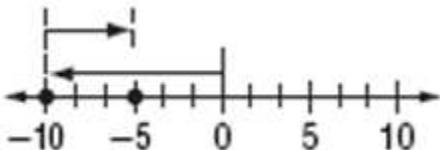
$$\frac{16 + 24}{30 - 22}$$

- 4 List the following numbers in order from least to greatest?  
0.005, 0.5, 0.05, and 5.05

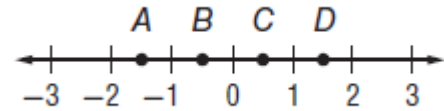
- 5 Write an equation that represents the model shown below.



- 6 Write an equation that represents the model shown below.



- 7 \_\_\_\_\_ Which point shows the location of  $-1\frac{1}{2}$  on the number line?



- 8 \_\_\_\_\_ Evaluate.

$$(-3)(4)(-1)(2)(-1)$$

- 9 \_\_\_\_\_ The Texans football game completely sold out of tickets. There were 235 backstage tickets, 75 floor seats, and the normal stadium seats of 785. At the front gate there was a total count of 1084 people who entered the stadium. How many people did not use their ticket to the Texans game?

- 10 \_\_\_\_\_ Cypress had a daily low temperature in February of  $-3^{\circ}\text{C}$  and  $12^{\circ}\text{C}$ . What was the range of the temperatures in Cypress?

- 11 \_\_\_\_\_ Dana has \$93 in her checking account. She deposits \$127 into her account Saturday morning. Dana spends \$59 at Walmart Sunday morning. How much does she have in her account now?

- 12 \_\_\_\_\_ Carla and her 12 year-old twin girls are going to a concert. Tickets to the concert cost \$23 for adults and \$13 for kids 12 years and under. How much did Carla spend on tickets for herself and her twins?

13 \_\_\_\_ In the last ten games, Keelan made  $\frac{7}{12}$  of his free throws. For the same period, Jacob made  $\frac{4}{7}$  of his free throws. Which player has the better free throw record?

14 \_\_\_\_ The pull of gravity on the surface of Mars is 0.38 that of Earth. Write 0.38 as a fraction in simplest form.

15 \_\_\_\_ One inch is 25.4 millimeters. Write 25.4 millimeters as a mixed number in simplest form.

16 \_\_\_\_ Lauren wants a large picture window put in the living room of her new house. The window is to be square with an area of 49 square feet. How long should each side of the window be?

17 \_\_\_\_ Cara has 196 marbles that she is using to make a square formation. How many marbles should be in each row?

19 \_\_\_\_ Brownsville is  $7\frac{5}{8}$  miles away from Frisco. Write the distance as an improper fraction.

20 \_\_\_\_ Kayla's puppy weighs  $\frac{25}{7}$  pounds. Write the puppy's weight as a mixed number.

21 \_\_\_\_ Ms. Seaman is looking in her closet. If  $\frac{1}{3}$  of her shoes are black and  $\frac{2}{5}$  are brown, does she have more black shoes or more brown shoes?

22 \_\_\_\_ In a recent survey,  $\frac{2}{5}$  of the people surveyed said their favorite food was pizza,  $\frac{1}{4}$  said it was hot dogs, and  $\frac{3}{10}$  said it was popcorn. Which food was favored by the greatest number of people?

Write true or false in the blank provided based on each inequality provided.

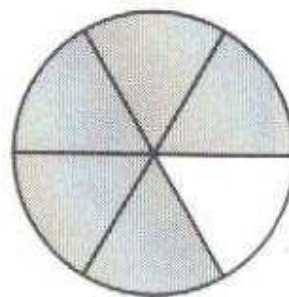
23 \_\_\_\_  $\frac{1}{3} < 0.3$

24 \_\_\_\_  $.45 < \frac{7}{8}$

25 \_\_\_\_  $.75 = \frac{3}{4}$

26 \_\_\_\_  $.6 < \frac{2}{3}$

Use the model below to answer question 27 and 28.



27 \_\_\_\_ What fraction of the circle is shaded?

28 \_\_\_\_ What fraction of the circle is not shaded?

29 \_\_\_\_ Write the decimal 0.99 as a fraction in simplest form.

**A**  $\frac{99}{100}$

**B**  $\frac{9}{10}$

**C**  $\frac{1}{99}$

**D**  $1\frac{99}{100}$

30 \_\_\_\_ Write  $\frac{59}{12}$  as a decimal.

**A**  $2.63\overline{8}$

**B**  $5.91\overline{6}$

**C**  $3.63\overline{8}$

**D**  $4.91\overline{6}$