

Parents and Students,

Due to School Closing I have arranged work for you to complete. Please follow the directions on the next page. Each student should know their ID to log on to Datamate. Their password is the same they use to log into their computer at school. They have used it numerous times in school.

All directions for Science along with a copy of directions is on google drive. Everyone knows how to log onto google drive as we use it weekly in class.

If there are any questions, please send me a message on remind or email me at isalon@yonkerspublicschools.org.

Ian Salon

SALON

Grade 4 (Math and Science)

Directions(School Closed)

Science Project:

A: Student need to work on their Organ project.

1) Log onto Google Drive.

A) Yankees- 19yanks20 password= School13

B) Mets- 19mets20 password= School13

2) Click on to the human body project(organ) folder.

3) Follow the directions supplied in the folder.

4) Create your power point.

5) Make sure you put your name on slides.

B: Poster Board

1) All directions are on google Drive for the poster board.

C: Any questions please send through Remind.

This will take 2 weeks to complete. Don't rush!

Math work:

Day 1: Datamate login: your 6 digit code Password: same password to get into your computer.

To find get to datamate. Go to google and search datamate login. Click and log in.

Go to Day 1 No school and click. Complete all questions.

Human Body Project

2 Parts- One is your poster board and the other is your Power Point.

- 1) You will choose an organ of the human body.

Part 1- Power Point Presentation

Slide 1- Introduction which will include your name along with the organ chosen. Pictures should be supplied with animation.

Slide 2- The main purpose of the organ. Do not just copy and paste. Make sure you are able to read the information. Include photos from the internet.

Slide 3- Give 2 other functions (not the main job) that this organ does for the human body.

Please supply in-depth information on the organ's non primary objective.

Slide 4- Supply one interesting fact about the organ. Make it something that most people don't know or would fascinate them.

Slide 5- Create a conclusion slide summing up the importance.

Part 2- Poster Board.

Draw a picture of the organ or picture of a human emphasizing the location of the organ.

Supply at minimum 10 facts on the outer part of the board regarding the organ you're researching.

**IF YOU DO NOT HAVE A COMPUTER THEN
YOU CAN JUST HAND IN THE POSTERBOARD.**

RUBRIC

4- Includes all facts with information explaining exactly what the organ does. After reading the information everyone understands the exact function of the organ. The information is accurate and well written.

Poster board is complete and accurately labeled. It is neat and the presentation is accurate.

3- Includes some facts with information that is good but not thorough. The information is mostly accurate and the function of the organ is supplied.

Poster board is complete but is not 100% thorough. It has a mistake or two and is neat but not perfect.

2- Includes facts but not providing enough information or it's not accurate. The organ is

there but the quality of information is not very good.

The poster board is not thorough and missing a lot of information.

1- The power point is missing slides. The information is not accurate and the pictures do not reflect the information provided.

The poster board is not complete and missing many facts or done very sloppily.

GRADE 4 MTH
MATH TEST(SCHOOL CLOSING)

Yonkers City School District

Student Name: _____

Teacher Name: _____

- 1 Melina walked $\frac{1}{12}$ mile each day for 5 days. What was the total distance, in miles, that she walked in the 5 days?

A $\frac{1}{60}$

B $\frac{5}{60}$

C $\frac{5}{12}$

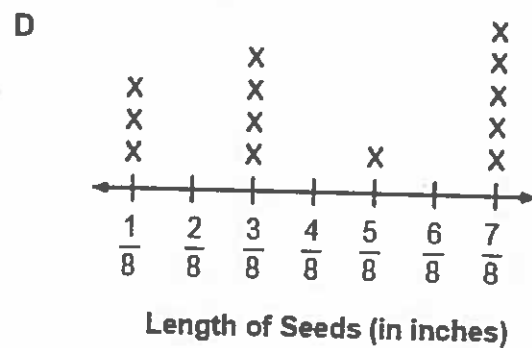
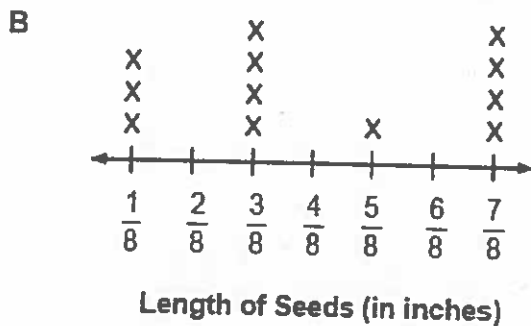
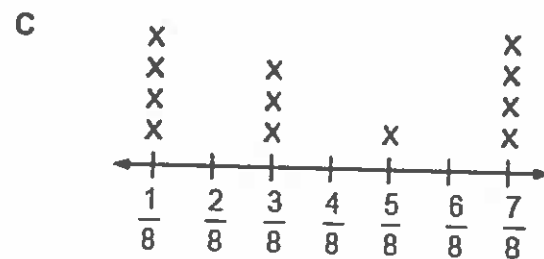
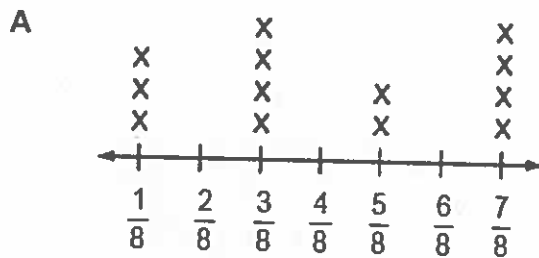
D $\frac{6}{12}$

- 2 Arnold measured the lengths of seeds from different plants. The lengths, in inches, of the seeds Arnold measured are shown in the table below.

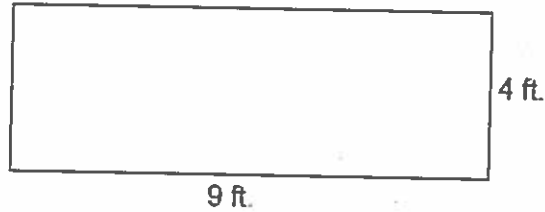
**Length of Seeds
(in inches)**

| | | | |
|---------------|---------------|---------------|---------------|
| $\frac{7}{8}$ | $\frac{3}{8}$ | $\frac{1}{8}$ | $\frac{7}{8}$ |
| $\frac{3}{8}$ | $\frac{1}{8}$ | $\frac{3}{8}$ | $\frac{3}{8}$ |
| $\frac{5}{8}$ | $\frac{7}{8}$ | $\frac{7}{8}$ | $\frac{1}{8}$ |

Which of these line plots correctly shows the information in the table?

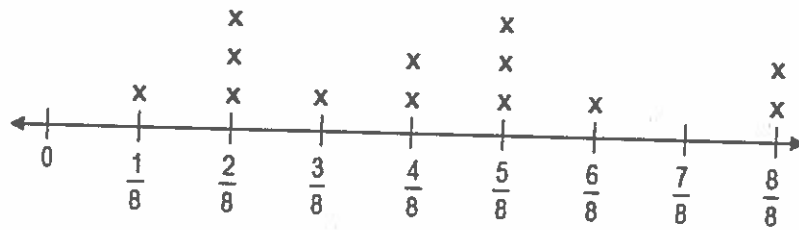


- 3 Grace is making a display board for the school talent show. The display board is a 4 ft. by 9 ft. rectangle. She is going to add a ribbon border around the entire display board. What length of ribbon does she need?



- A 5 ft.
B 13 ft.
C 26 ft.
D 36 ft.
- 4 A bakery had forty-eight frozen ice cream cakes in stock on Thursday. On Friday, a shipment of 39 more ice cream cakes came in. They are going to put eight ice cream cakes on each shelf in the freezer. How many shelves will be completely filled with ice cream cakes?
- A 8 shelves
B 9 shelves
C 10 shelves
D 11 shelves

- 5 Ana measured some of the butterflies in her insect collection. She displayed her data on a line plot.



How many of Ana's butterflies measure $\frac{3}{8}$ in. or smaller?

- A 9
- B 5
- C 4
- D 1

- 6 Rosalie painted the following figures. Which figure has more than one line of symmetry?

A



B



C



D



- 7 Which group contains only prime numbers?

- A 7, 11, 27, 43
- B 5, 13, 29, 47
- C 7, 19, 33, 41
- D 11, 17, 37, 39

8 Which number sentence correctly compares two numbers?

A forty-eight thousand four hundred thirty $> 48,403$

B $23,068 = 20,000 + 3,000 + 600 + 8$

C $30,000 + 300 + 60 < \text{thirty-three thousand sixth}$

D $47,905 = 40,000 + 7,000 + 900 + 50$

9 Jen used $\frac{1}{2}$ cup of cereal and $\frac{2}{3}$ cup nuts to make trail mix. Her mother asked if she used more cereal or more nuts in the mix. Which statement correctly compares the fractions?

A $\frac{1}{2} > \frac{2}{3}$

B $\frac{1}{2} < \frac{2}{3}$

C $\frac{2}{3} < \frac{1}{2}$

D $\frac{2}{3} = \frac{1}{2}$

10 Kailyn read 24 pages of a book. Logan read three times as many pages as Kailyn. Which equation can be used to find the total number of pages Logan read?

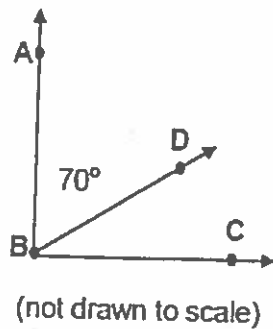
A $3 \times \underline{\quad ? \quad} = 24$

B $3 \div \underline{\quad ? \quad} = 24$

C $24 \div 3 = \underline{\quad ? \quad}$

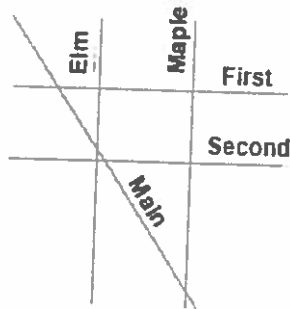
D $24 \times 3 = \underline{\quad ? \quad}$

- 11 Angle ABC is a right angle. What is the measurement of angle DBC ?



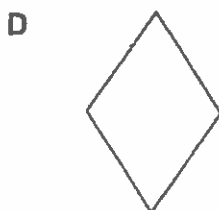
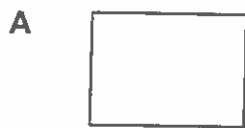
- A 180°
B 90°
C 70°
D 20°
- 12 The value of the digit 5 in 5,327 is how many times the value of the digit 5 in 24,653?
- A 10
B 100
C 1,000
D 10,000
- 13 Juan had 2 boxes of blocks. Each box had 100 blocks. He built a tower with $\frac{1}{5}$ blocks out of each of the boxes. How many blocks did Juan use to build the tower?
- A 50
B 40
C 30
D 20

- 14 In the diagram below, which street is parallel to Maple Street?

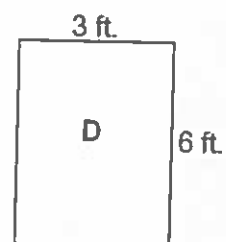
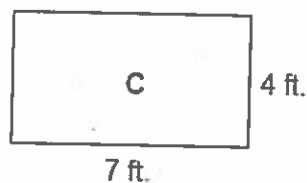
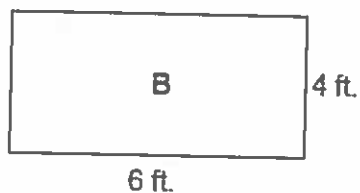
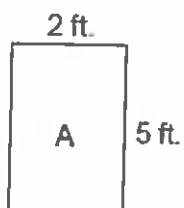


- A Main Street
 - B First Street
 - C Elm Street
 - D Second Street
- 15 Suzie's car broke and she needed \$485 to have it repaired. She saved \$97 each week until she had enough money to pay for the repairs. Which equation below can be used to determine how many weeks, w , it took Suzie to save enough money for car repairs?
- A $485 - w = 97$
 - B $485 + 97 = w$
 - C $97 \times w = 485$
 - D $97 + w = 485$

16 Which shape below has both parallel lines and perpendicular lines?



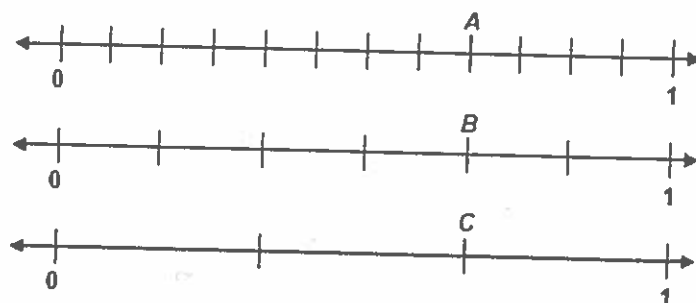
17 Which rectangle below has the greatest area?



[not drawn to scale]

- A rectangle A
- B rectangle B
- C rectangle C
- D rectangle D

- 18 On the number lines below, points A and B represent fractions that are equivalent to the fraction represented by point C .



Which fractions do points A and B represent on the number line?

- A Point A represents $\frac{8}{12}$ and point B represents $\frac{5}{6}$.
- B Point A represents $\frac{8}{12}$ and point B represents $\frac{4}{6}$.
- C Point A represents $\frac{9}{12}$ and point B represents $\frac{4}{6}$.
- D Point A represents $\frac{9}{12}$ and point B represents $\frac{5}{6}$.
- 19 Maria needs $6\frac{1}{3}$ feet of string for a solar system mobile. She has $2\frac{2}{3}$ feet of yellow string and $3\frac{2}{3}$ feet of green string. How much string does she have altogether?

- A $5\frac{1}{3}$
- B $6\frac{1}{3}$
- C $11\frac{2}{3}$
- D $12\frac{2}{3}$

- 20 In eastern North Carolina, three farmers are having a discussion about who has the largest garden.

Mr. Sanchez: My garden is 87 yards long and its width is $\frac{1}{3}$ of its length.

Mrs. Thompson: My garden's width is 18 yards less than the width of Mr. Sanchez's garden. Its length is 8 yards longer than the length of Mr. Sanchez's garden.

Mr. Peterson: My garden is square and has a perimeter of 204 yards.

- A. What are the dimensions of each garden?

Show your work.

Answer Mr. Sanchez's garden _____ square yards
Mrs. Thompson's garden _____ square yards
Mr. Peterson's garden _____ square yards

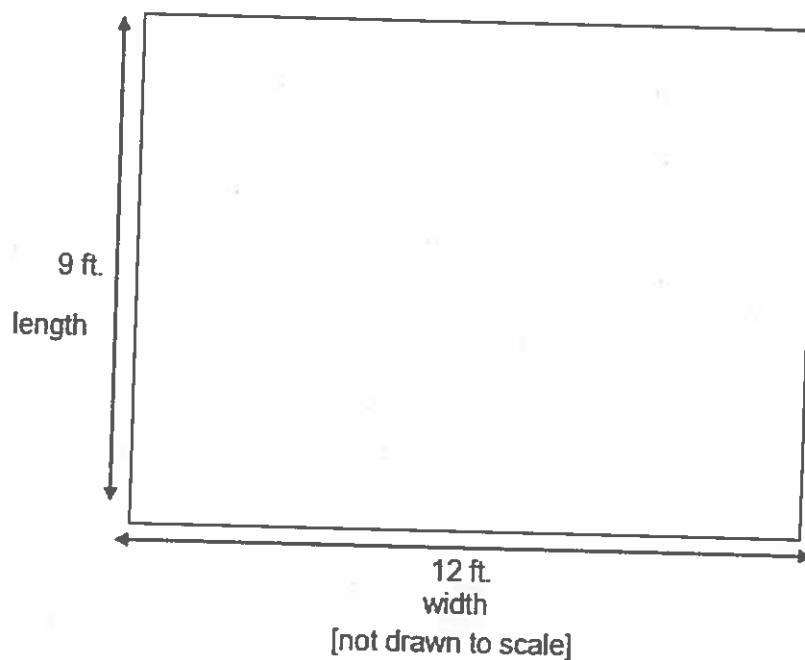
- B. Who has the largest garden? _____

- C. How much larger is the largest garden than the smallest garden?

Show your work.

Answer _____ square yards

- 21 The figure below represents the size of a rug that Mrs. Schultz is thinking of purchasing.



Mrs. Schultz is thinking that she might want something a bit bigger.

If she purchases a rug that is 3 feet longer in length and 2 feet wider than the one represented above, what will be the difference in area between the original rug and the larger one she is thinking about purchasing instead?

Show your work.

Answer _____ square feet

- 22 Which equation means 54 is 9 times as many as 6, and 6 times as many as 9?
- A $54 = 6 + 9$
 - B $54 = 6 \times 9$
 - C $54 = 9 - 6$
 - D $54 = 9 \div 6$
- 23 At a grocery store, Diego bought three kinds of meat. He purchased $\frac{1}{4}$ pound of roast beef, $\frac{3}{4}$ pound of ham, and $\frac{3}{4}$ pound of turkey. Which choice describes the total weight of the meats?
- A less than 1 pound
 - B between 1 and $1\frac{1}{2}$ pounds
 - C between $1\frac{1}{2}$ and 2 pounds
 - D more than 2 pounds
- 24 The second edition of the Oxford English dictionary has 171,576 words. What is 171,576 rounded to the nearest ten thousand?
- A 180,000
 - B 172,000
 - C 171,000
 - D 170,000

- 25 Hector uses an inch ruler to measure a screw. What is the length of the screw to the nearest half inch?



- A 1 inch
B $1\frac{1}{2}$ inch
C 2 inches
D $2\frac{1}{2}$ inches
- 26 Which expression has the same value as $\frac{27}{100}$?
- A $\frac{2}{100} + \frac{7}{100} + \frac{20}{100}$
B $\frac{27}{100} + \frac{27}{100} + \frac{27}{100}$
C $\frac{9}{100} + \frac{10}{100} + \frac{11}{100}$
D $\frac{9}{100} + \frac{9}{100} + \frac{9}{100}$
- 27 There are 21 shelves in the library. Each shelf has exactly 19 books. Which number sentence could be used to find B , the total number of books in the library?
- A $19 \times 21 = B$
B $19 + 21 = B$
C $19 \div 21 = B$
D $19 - 21 = B$

28 Lois is buying cheese for a party.

- She needs to buy 50 ounces of cheese.
- Cheese is sold only in 8- and 12-ounce packages.

Which choice shows the *least* amount of cheese Lois can buy to have enough for the party?

- A seven 8-ounce packages
 B five 12-ounce packages
 C three 12-ounce packages and two 8-ounce packages
 D two 12-ounce packages and three 8-ounce packages

29 Which expression has the same value as $35 \times \frac{1}{175}$?

- A $140 \times \frac{1}{175}$
 B $140 \times \frac{4}{175}$
 C $140 \times \frac{1}{5}$
 D $140 \times \frac{4}{5}$

30 The shaded part of the rectangle below represents $\frac{1}{5}$.



Which of the following rectangles is also shaded to represent $\frac{1}{5}$?

