



Bayonne Public Schools

667 Avenue A.
Bayonne, New Jersey 07002

Dawn Aiello
Director of Mathematics

(201)-858-5920
daiello@bboed.org

Dear Parents/Guardians,
As the end of the school year approaches, the Mathematics department has prepared a Summer Bridges Packet for your child to complete over the summer months.

These packets are:

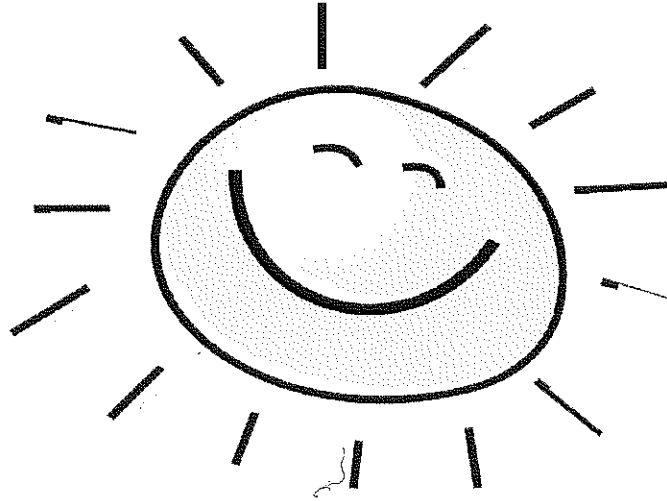
- To reinforce previous mathematics topics they learned throughout the year
- To keep mathematics topics current
- To move forward with new mathematics vocabulary words to prepare students for future mathematics success

All assignments must be presented to your child's mathematics teacher no later than **September 18, 2019**. The packet will be graded. Students must show work for credit. In addition, students will receive a maximum of 10 points towards the first mathematics assessment in marking period one based on the correct completion of the summer bridges assignment.

A handwritten signature in black ink, appearing to read "Dawn Aiello", is written over a horizontal line.

Dawn Aiello
Director of Mathematics

"The Bayonne Public School Family- Moving From Good to Great"



Summer Bridges
from Grade 3
To
Grade 4

Name: _____

Write the correct answer.

1. The ice skating rink rented 238 pairs of ice skates one weekend. What is 238 rounded to the nearest hundred?

2. The theater has 329 fixed seats and 174 moveable seats. What could be a **reasonable estimate** of the total number of seats in the theater?

3. On Saturday, the lifeguard counted 416 swimmers at the beach. On Sunday the lifeguard counted 283 swimmers at the beach. How many swimmers were at the beach in all?

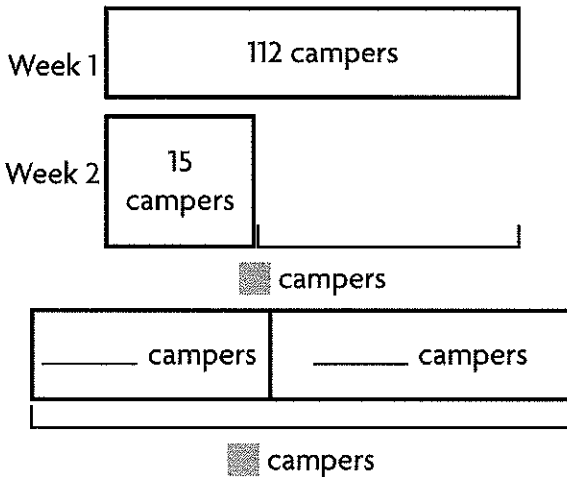
4. Mr. Li drove 287 miles from Hawk City to Bear Town. He then drove 175 miles from Bear Town to Cedar City. How many miles did Mr. Li drive in all?

5. Hector earned 942 points in his first round of a video game. Sarah earned 791 points in her first round of the same video game. What could be a **reasonable estimate** of how many more points Hector earned than Sarah in the first round of the video game?

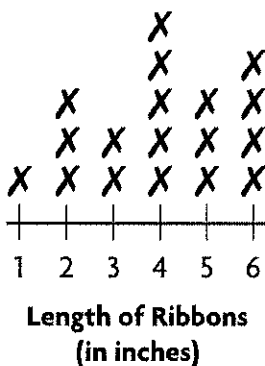
6. Mrs. Rourke's class collected 385 cans during a recycling drive. Mr. Hardy's class collected 259 cans during the same recycling drive. How many more cans did Mrs. Rourke's class collect than Mr. Hardy's class?



7. Campers go to Ridgeline Camp for one week sessions. During the first week of camp, there were 112 campers. During the second week, there were 15 fewer campers than in the first week. How many campers were at camp during both weeks?

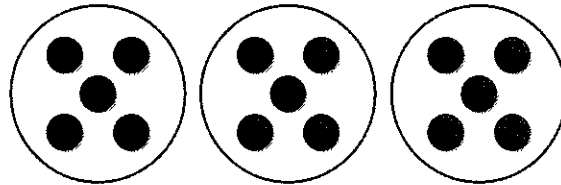


8. A seamstress measured the lengths of several ribbons. She recorded the data in the line plot below.



How many ribbons are 5 inches long?

9. Kevin divided his model airplane collection into 3 groups. Each group has 5 airplanes.



How many model airplanes does Kevin have in his collection?

10. There are 4 jars for markers in Maya's class. Maya found 0 markers in each jar. Write a number sentence that shows how many markers Maya found in all.

11. Mrs. Murphy bought 2 boxes of granola bars. Each box has 6 bars. How many granola bars did Mrs. Murphy buy in all?



Name _____

12. Wendy writes a pattern of numbers.

21, 28, 35, 42, 49

How can you describe this pattern?

13. Find a pattern used in the table.
Then complete the table.

Necklaces	2	3	4	5	6
Beads	18	27	36		

14. Sam plans to buy 24 slices of pizza for a party. There are 8 slices in each whole pizza. How many pizzas does Sam need to buy?

$$p \times 8 = 24$$

15. One pack of construction paper has 40 sheets of paper. How many sheets are in 6 packs?

16. Omar writes a set of related facts. One of the facts he writes is $30 \div 5 = 6$. Write an equation that is included in the same set of related facts.

17. Melody brought 5 bones to the dog park. She gave an equal number of bones to each of 5 dogs. How many bones did Melody give to each dog?

18. Simone wants to put 10 photos on each page of her scrap book. She has picked out 70 photos she wants to use. How many scrap book pages does Simone use?

19. A school lunch table seats 6 students. How many lunch tables are needed to seat 18 students?



Name _____

20. Brad's little brother has a storage box for his toy cars. Each section of the box holds 8 toy cars. How many sections does the box have if it holds 56 cars?

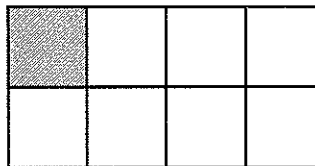
21. Ryan arranged 40 blocks in 8 equal rows. How many blocks are in each row?

22. Susie separates 18 stickers into 9 equal groups. How many stickers are in each group?

23. Luke needs to divide a sheet of paper into two equal parts. Draw a line to divide the square into 2 equal parts.

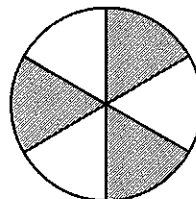


24. Toni made a model to show the number of students on the playground. The shaded part of the model shows the fraction of students on the slide.



What fraction of students are on the slide?

25. A student shaded this model. The shaded part shows what part of the pottery glazes in the art room have glitter in them.



What fraction of the pottery glazes have glitter?

26. Mrs. Parker bought $\frac{3}{4}$ pound of strawberries and $\frac{1}{4}$ pound of raspberries. Write a statement to compare the amounts of berries.



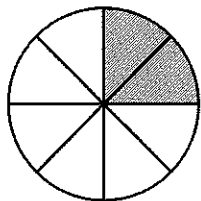
Name _____

27. Of all the students in Matea's class, $\frac{2}{3}$ are wearing sneakers and $\frac{2}{6}$ are wearing sandals. What symbol compares the fractions correctly? Write $<$, $>$, or $=$.

$$\frac{2}{3} \bigcirc \frac{2}{6}$$

28. A scientist measures the lengths of three beetles. The first beetle is $\frac{4}{8}$ inch long. The second beetle is $\frac{2}{8}$ inch long. The third beetle is $\frac{7}{8}$ inch long. Write the fractions in order from **least** to **greatest**.
-

29. Hannah is selling slices of pie at the bake sale. The pie has 8 slices. She has sold $\frac{1}{4}$ of the slices.



What fraction with a denominator of 8 is equal to $\frac{1}{4}$?

30. Jake looked at the clock before leaving for school. The hour hand was between the 7 and the 8. The minute hand was on the 9. What time did Jake leave for school?
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31. Ling started running at 10:18 A.M. She finished running at 10:50 A.M. How long did Ling run?
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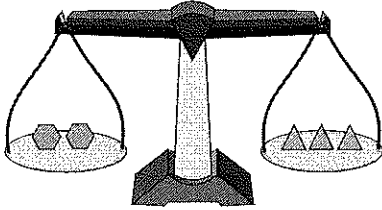
32. A batch of muffins needs to bake in the oven for 24 minutes. Scott puts the muffins in the oven at 2:17 P.M. What time will he take the muffins out of the oven?
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33. Latonya fills a drinking glass with water. Write *more than 1 liter*, *about 1 liter*, or *less than 1 liter* to estimate how much water the glass will hold.
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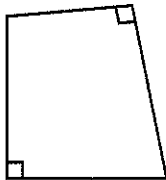
GO ON

34. Julia wants to find the mass of her textbooks. Write *grams* or *kilograms* to name the **best** unit to use to find the mass of the textbooks.

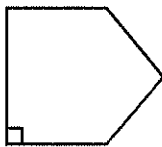
35. Jillian uses a balance to compare the masses of the objects shown. Use the words *is less than*, *is the same*, or *is more than* to compare the masses of the objects.



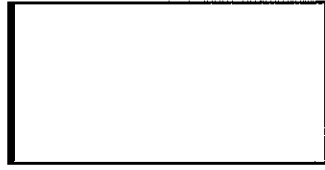
36. How many right angles does this shape appear to have?



37. Carrie drew this shape. Use *right angle*, *less than a right angle*, or *greater than a right angle* to describe the marked angle.

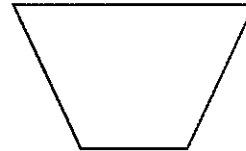


38. Hank used line segments to draw a shape. Look at the bold sides of his shape.



Write *intersecting*, *perpendicular*, or *parallel* to describe the sides.

39. Blake drew this shape.



Name Blake's quadrilateral.

40. Lisa drew a quadrilateral with 4 right angles. The parallel sides are equal length. Which quadrilateral best describes her drawing?

