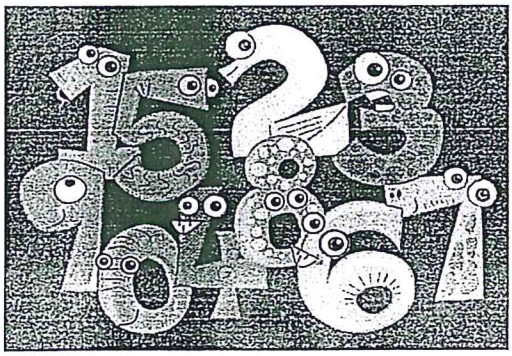


Dear Future Fourth Grader,

Welcome to the exciting world of fourth grade! Enclosed you will find a multiplication study packet of facts 2-12 and a packet of skills and concepts you will be learning more about in fourth grade. It is important to learn and memorize these math facts and keep up with the math skills in this packet so that fourth grade math is easier and more enjoyable for you. We will start the year off with the infamous "Mad Minute" and multiplication games, so be ready for some friendly competition. Enjoy your summer, and we look forward to meeting you in September.

Yours Truly,
Mrs. Labance
Mrs. Maurin
Mr. Ellis
Mrs. Crosby

Multiplication Tables Study Sheets

2x Tables	3x Tables	4x Tables
2 x 0 = 0	3 x 0 = 0	4 x 0 = 0
2 x 1 = 2	3 x 1 = 3	4 x 1 = 4
2 x 2 = 4	3 x 2 = 6	4 x 2 = 8
2 x 3 = 6	3 x 3 = 9	4 x 3 = 12
2 x 4 = 8	3 x 4 = 12	4 x 4 = 16
2 x 5 = 10	3 x 5 = 15	4 x 5 = 20
2 x 6 = 12	3 x 6 = 18	4 x 6 = 24
2 x 7 = 14	3 x 7 = 21	4 x 7 = 28
2 x 8 = 16	3 x 8 = 24	4 x 8 = 32
2 x 9 = 18	3 x 9 = 27	4 x 9 = 36
2 x 10 = 20	3 x 10 = 30	4 x 10 = 40
2 x 11 = 22	3 x 11 = 33	4 x 11 = 44
2 x 12 = 24	3 x 12 = 36	4 x 12 = 48

Multiplication Tables Study Sheets

5x Tables	6x Tables	7x Tables
5 x 0 = 0	6 x 0 = 0	7 x 0 = 0
5 x 1 = 5	6 x 1 = 6	7 x 1 = 7
5 x 2 = 10	6 x 2 = 12	7 x 2 = 14
5 x 3 = 15	6 x 3 = 18	7 x 3 = 21
5 x 4 = 20	6 x 4 = 24	7 x 4 = 28
5 x 5 = 25	6 x 5 = 30	7 x 5 = 35
5 x 6 = 30	6 x 6 = 36	7 x 6 = 42
5 x 7 = 35	6 x 7 = 42	7 x 7 = 49
5 x 8 = 40	6 x 8 = 48	7 x 8 = 56
5 x 9 = 45	6 x 9 = 54	7 x 9 = 63
5 x 10 = 50	6 x 10 = 60	7 x 10 = 70
5 x 11 = 55	6 x 11 = 66	7 x 11 = 77
5 x 12 = 60	6 x 12 = 72	7 x 12 = 84

Multiplication Tables Study Sheets

8x Tables	9x Tables	10x Tables
8 x 0 = 0	9 x 0 = 0	10 x 0 = 0
8 x 1 = 8	9 x 1 = 9	10 x 1 = 10
8 x 2 = 16	9 x 2 = 18	10 x 2 = 20
8 x 3 = 24	9 x 3 = 27	10 x 3 = 30
8 x 4 = 32	9 x 4 = 36	10 x 4 = 40
8 x 5 = 40	9 x 5 = 45	10 x 5 = 50
8 x 6 = 48	9 x 6 = 54	10 x 6 = 60
8 x 7 = 56	9 x 7 = 63	10 x 7 = 70
8 x 8 = 64	9 x 8 = 72	10 x 8 = 80
8 x 9 = 72	9 x 9 = 81	10 x 9 = 90
8 x 10 = 80	9 x 10 = 90	10 x 10 = 100
8 x 11 = 88	9 x 11 = 99	10 x 11 = 110
8 x 12 = 96	9 x 12 = 108	10 x 12 = 120

Multiplication Tables Study Sheets

11x Tables	12x Tables
11 x 0 = 0	12 x 0 = 0
11 x 1 = 11	12 x 1 = 12
11 x 2 = 22	12 x 2 = 24
11 x 3 = 33	12 x 3 = 36
11 x 4 = 44	12 x 4 = 48
11 x 5 = 55	12 x 5 = 60
11 x 6 = 66	12 x 6 = 72
11 x 7 = 77	12 x 7 = 84
11 x 8 = 88	12 x 8 = 96
11 x 9 = 99	12 x 9 = 108
11 x 10 = 110	12 x 10 = 120
11 x 11 = 121	12 x 11 = 132
11 x 12 = 132	12 x 12 = 144

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?

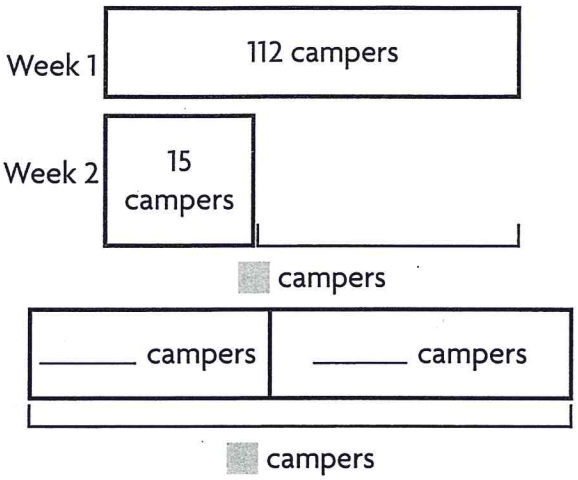
_____

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?

_____

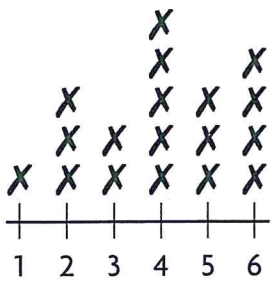
GO ON

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.

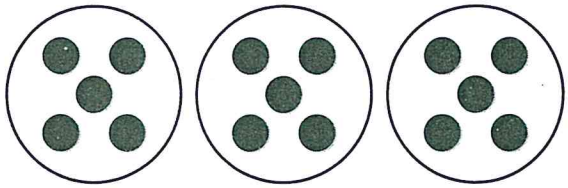


Length of Ribbons (in inches)

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?

_____

GO ON

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?

_____

GO ON

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?

_____

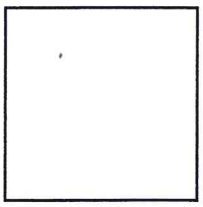
21. Ryan arranged 40 blocks in 8 equal rows. How many blocks are in each row?

_____

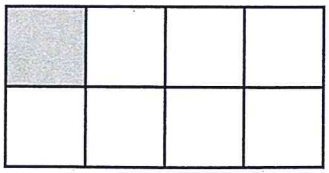
22. Susie separates 18 stickers into 9 equal groups. How many stickers are in each group?

_____

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



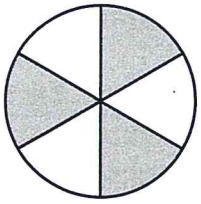
24. Toni made a model to show the number of students on the playground. The shaded part of the model shows the fraction of students on the slide.



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.

_____

_____

GO ON

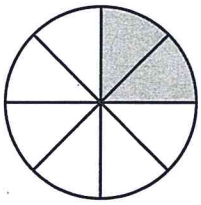
27. Of all the students in Matea's class, $\frac{2}{3}$ are wearing sneakers and $\frac{2}{6}$ are wearing sandals. What symbol compares the fractions correctly? Write $<$, $>$, or $=$.

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

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?

_____

31. Ling started running at 10:18 A.M. She finished running at 10:50 A.M. How long did Ling run?

_____

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?

_____

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.

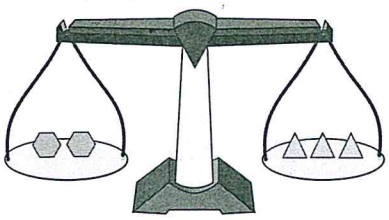
_____

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.

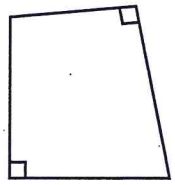
_____

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.



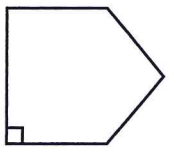
_____

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



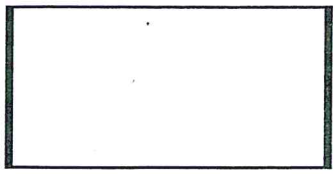
_____

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



_____

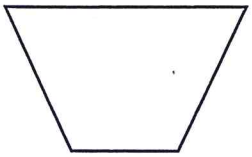
38. Hank used line segments to draw a shape. Look at the bold sides of his shape.



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?

_____