



Gould School
Fifth Grade Summer Packet

Welcome to fifth grade mathematics! This summer review packet is a review of fundamental skills as you transition to fifth grade mathematics.

Please read it carefully and make sure you answer all the questions. Be sure to show your work in a neat, organized fashion.

The work contained in the math packet highlights concepts and other skills that you should be well-versed in before entering fifth grade in September.

Below are just a few websites that you might find helpful:

<https://www.ixl.com/math/>

<https://www.khanacademy.org/math/k-8-grades>

All students will be required to submit their summer math packet on the first day of math class.

This summer math packet will be scored and graded!

Also, make sure you have your multiplication and division facts (0-12) mastered! They are a very important part of our curriculum.

See you in September! Have a safe and happy summer!



Entering Fifth Grade Summer Math Packet

Name _____ Homeroom _____

I have checked the work completed: _____

(Parent Signature)

1. List all the factors of 24.

2. List the first 5 multiples of 8.

3. I am a factor of 36 and a multiple of 3. What number am I? Circle all correct answers.
 - a. 6
 - b. 9
 - c. 2
 - d. 12

4. Find the difference of 136 and 67. Show all of your work!

5. Which expression is equal to 3×49 ?
 - a. $3 \times (4 + 9)$
 - b. $3 + (40 \times 9)$
 - c. $3 \times (40 + 9)$
 - d. $(3 \times 4) + (3 \times 9)$

6. Find the product of 413 and 28. Show all of your work!

7. What is the estimated value of this expression? $539 \div 4$
- 15
 - 100
 - 105
 - 150
8. There are 168 lunches to be shared equally among 3 fourth-grade classes. How many lunches will go to each class?
9. If $600 \div A = 300$, what is A?
- 200
 - 30
 - 20
 - 2
10. Fill in the blank with the number that makes this math sentence correct:
- 12 x _____ = 72
11. What division number sentence could you write to check $3 \times 6 = 18$?
12. The students in your class collected pop cans to raise money for a class trip. The goal for each student was to collect 150 cans each. There are 27 students in your class. How many cans would that be altogether?

13. Suppose 33 photos are placed in a photo album. How many pages are needed if 4 photo fit on a page?
- 9 pages
 - 10 pages
 - 11 pages
 - 12 pages

14. What fraction is equal to 0.45?

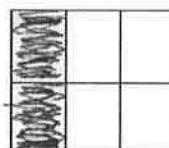
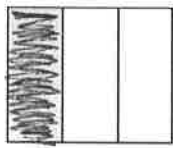
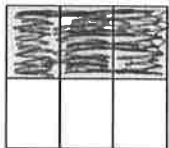
15. Name a decimal equivalent to $\frac{1}{4}$?

16. Three and seven hundredths is between what two whole numbers?

17. Write $\frac{7}{10}$ as a decimal.

18. Name a fraction equivalent to .5?

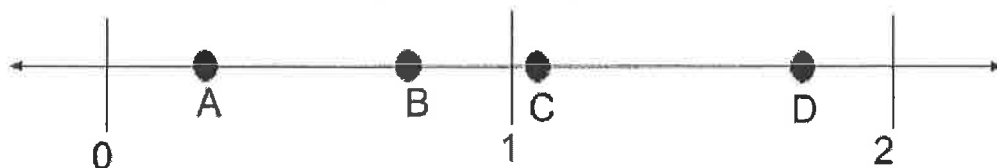
19. Circle all the pictures that represent $\frac{1}{3}$.



20. What is the fraction for the shaded part of this set?



21. Which of the following points best represents 1.75 on the number line below?



22. $\frac{5}{6} = \frac{?}{12}$? = _____

23. $\frac{1}{4}$ is equivalent to _____ eighths.

24. Write $\frac{11}{2}$ as a mixed number.

25. The distance from home to school is $\frac{7}{8}$ of a mile for Amy and $\frac{4}{8}$ of a mile from Tom. How much farther does Amy walk than Tom?

26. Sonya needs $\frac{1}{2}$ teaspoon of salt for her recipe to make rolls. She needs $\frac{1}{4}$ teaspoon of salt for her recipe to make biscuits. How much salt will she need to make both recipes?

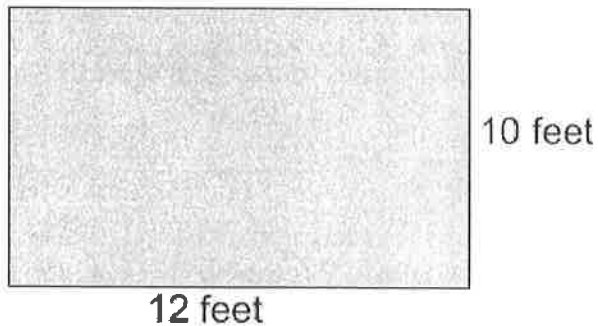
27. Solve for the unknown in this equation: $\frac{2}{4} + n = \frac{3}{4}$ n = _____

28. Which of the following is closest to the actual product of 81 and 82?

- a. 6400
- b. 7200
- c. 720
- d. 1100

29. Which is most likely the length of a telephone book?
- a. 30 kiloliters
 - b. 30 centimeters
 - c. 30 millimeters
 - d. 30 meters

30. Sheryl planned to buy a wallpaper border for her bedroom. She measure the lengths of the walls and found the perimeter of her room. Use the picture below to determine the perimeter.



31. Sheryl also wants to buy new carpeting for her room. She needs the square footage of the room to take to the store to price how much carpeting would be. What is the area of her room in the picture above?

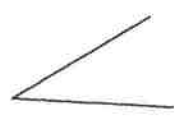
32. What is the width of a rectangle that has a length of 6 feet and an area of 60 square feet?
You may want to draw a picture to help you.

33. Sarah looks at the clock in her kitchen. She realizes the minute and hour hand form an angle. If the clock below is the one in Sarah's kitchen, what type of angle does Sarah see?



- a. Acute
- b. Right
- c. Obtuse

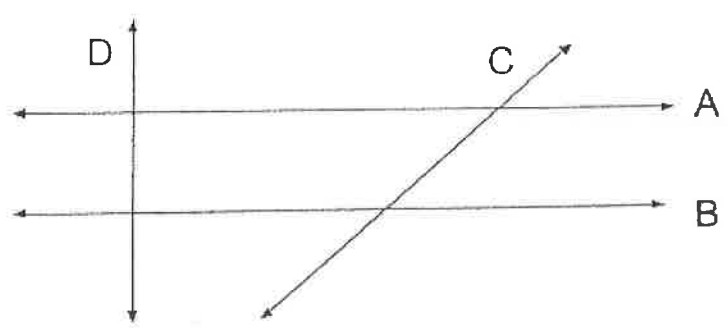
34. What type of angle is shown below? _____



35. Circle the right angle.



36. In the drawing below, which line is parallel to line A? Line _____

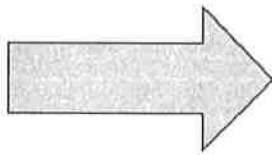
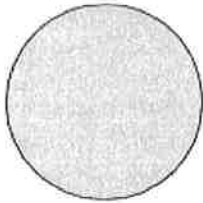


37. Which type of triangle has only 2 equal sides, like the drawing below?



- a. Equilateral
- b. Isosceles
- c. Pyramid
- d. Right

38. Circle the shape with only ONE line of symmetry.



39. Which benchmark is $\frac{1}{8}$ closest to? Circle your answer.

0 $\frac{1}{2}$ 1

40. Which benchmark is $\frac{5}{8}$ closest to? Circle your answer.

0 $\frac{1}{2}$ 1

41. Find the quotient of 875 and 5. Show all of your work.

42. Find the product of 46 and 78. Show all of your work.

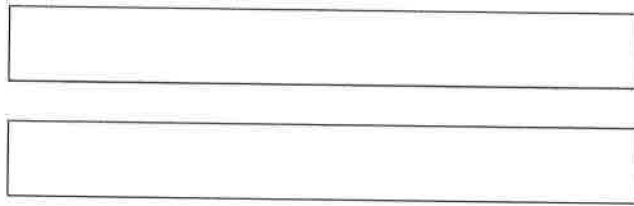
43. Which shows the fractions in order from least to greatest?

- a. $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$
- b. $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$
- c. $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{2}$

44. Sharon had a bag of 12 marbles. She gave 8 of the marbles to Don. Which fractional part of the marbles did Sharon have left?

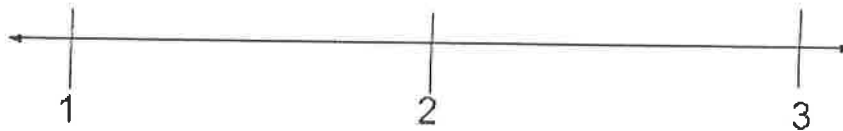
45. Show how these two fractions are equal by shading some of each rectangle.

$$\frac{1}{2} \qquad \frac{2}{4}$$



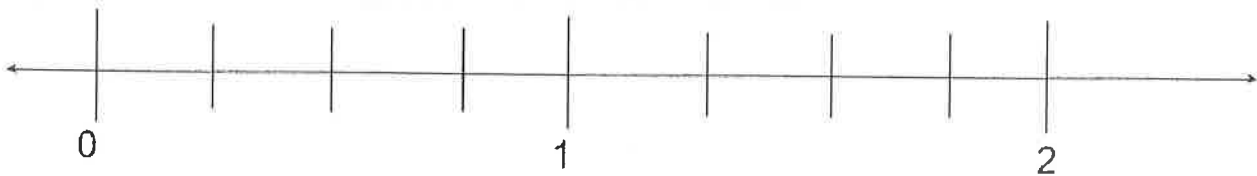
46. Locate and label these two fractions on the number line. Then tell which one is larger.

$$2\frac{7}{12} \qquad \frac{11}{4}$$

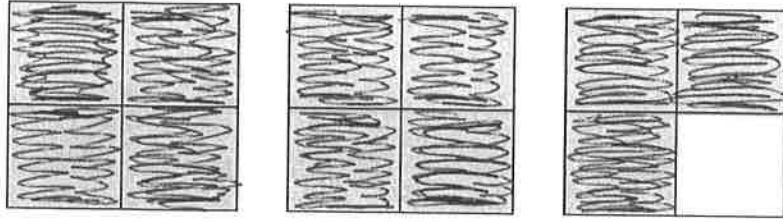


47. Locate and label this fraction on the number line. Then write it as a mixed number.

$$\frac{5}{4}$$



48. Identify the shaded portion of this picture as a mixed number and an improper fraction.



49. Solve the following problems:

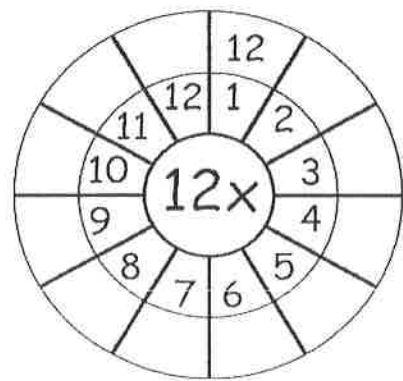
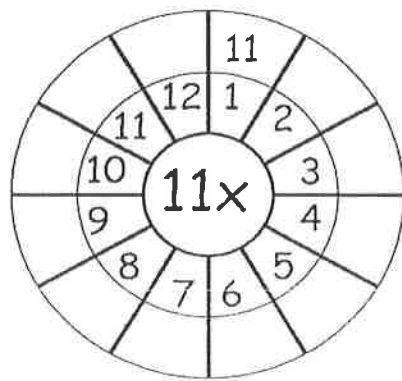
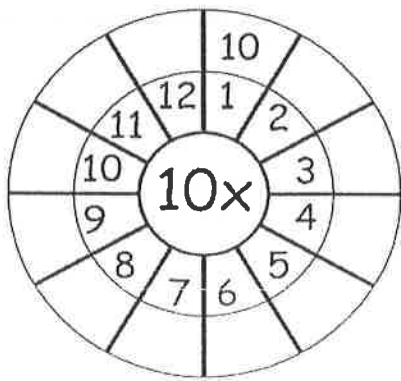
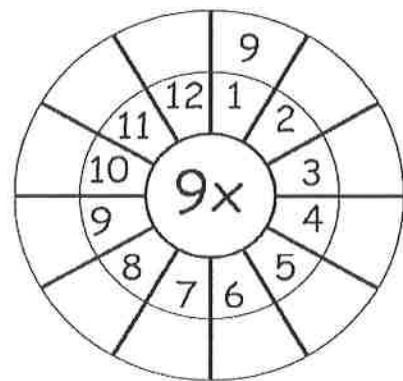
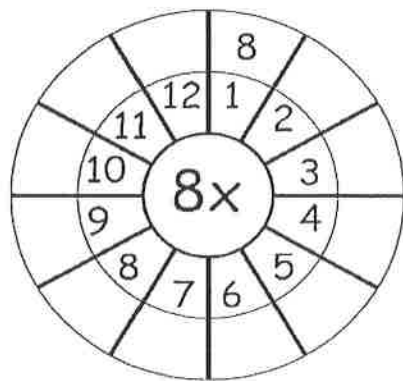
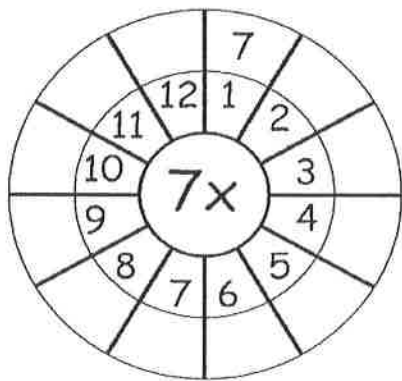
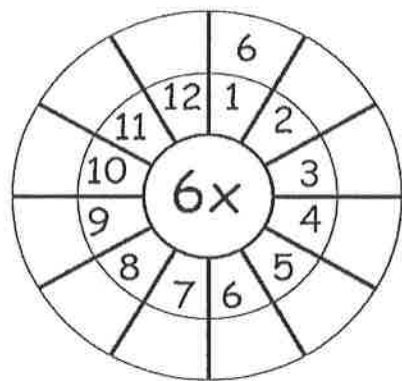
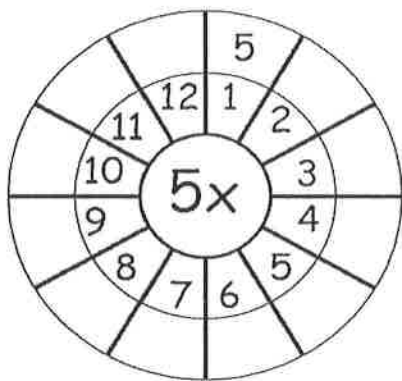
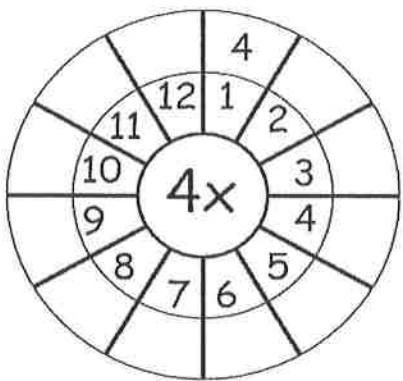
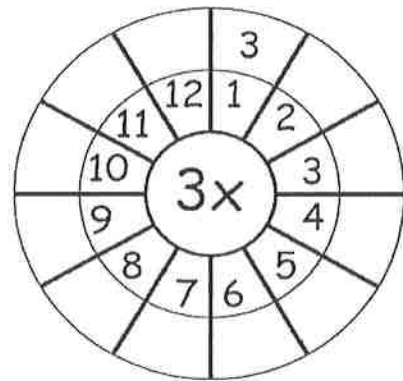
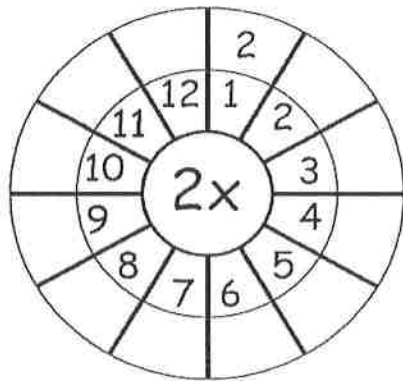
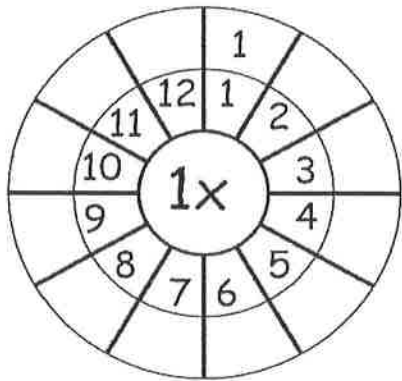
a. $\frac{3}{4} + \frac{2}{4} =$

b. $\frac{3}{8} - \frac{1}{8} =$

c. $\frac{8}{12} - \frac{1}{2} =$

50. Simon had one whole pizza. His dad ate $\frac{3}{8}$ and his mom ate $\frac{2}{8}$. Simon planned on eating what was left. How much of the pizza will Simon eat?

Multiply the numbers by the center number.



Name _____

Date _____

12

TIMES TABLE TEST 1



- 1) $12 \times 2 = \underline{\quad}$
- 2) $4 \times 12 = \underline{\quad}$
- 3) $6 \times 12 = \underline{\quad}$
- 4) $12 \times 10 = \underline{\quad}$
- 5) $0 \times 12 = \underline{\quad}$
- 6) $12 \times 11 = \underline{\quad}$
- 7) $12 \times 3 = \underline{\quad}$
- 8) $9 \times 12 = \underline{\quad}$
- 9) $7 \times 12 = \underline{\quad}$
- 10) $12 \times 9 = \underline{\quad}$
- 11) $12 \times 2 = \underline{\quad}$
- 12) $5 \times 12 = \underline{\quad}$
- 13) $12 \times 12 = \underline{\quad}$
- 14) $12 \times 6 = \underline{\quad}$
- 15) $12 \times 1 = \underline{\quad}$
- 16) $8 \times 12 = \underline{\quad}$
- 17) $12 \times 10 = \underline{\quad}$
- 18) $12 \times 7 = \underline{\quad}$
- 19) $11 \times 12 = \underline{\quad}$
- 20) $12 \times 3 = \underline{\quad}$

- 21) $\underline{\quad} \times 12 = 60$
- 22) $12 \times \underline{\quad} = 24$
- 23) $12 \times \underline{\quad} = 120$
- 24) $\underline{\quad} \times 12 = 144$
- 25) $\underline{\quad} \times 12 = 72$
- 26) $\underline{\quad} \times 12 = 12$
- 27) $12 \times \underline{\quad} = 0$
- 28) $12 \times \underline{\quad} = 108$
- 29) $\underline{\quad} \times 12 = 48$
- 30) $12 \times \underline{\quad} = 84$
- 31) $\underline{\quad} \times 12 = 132$
- 32) $12 \times \underline{\quad} = 36$
- 33) $\underline{\quad} \times 12 = 96$
- 34) $12 \times \underline{\quad} = 72$
- 35) $\underline{\quad} \times 12 = 120$
- 36) $12 \times \underline{\quad} = 36$
- 37) $\underline{\quad} \times 12 = 84$
- 38) $\underline{\quad} \times 12 = 12$
- 39) $12 \times \underline{\quad} = 60$
- 40) $12 \times \underline{\quad} = 144$

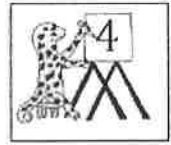
SCORE

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Name _____

Date _____



MULTIPLYING BY 100s SHEET 2

All these questions involve using your multiplication tables.

- Remember if $3 \times 7 = 21$ then $300 \times 7 = 2100$; $3 \times 700 = 2100$ and $30 \times 70 = 2100$

- | | |
|----------------------------|----------------------------|
| 1) $700 \times 2 =$ _____ | 21) $8 \times 600 =$ _____ |
| 2) $3 \times 800 =$ _____ | 22) $70 \times 90 =$ _____ |
| 3) $400 \times 6 =$ _____ | 23) $6 \times 700 =$ _____ |
| 4) $2 \times 900 =$ _____ | 24) $800 \times 8 =$ _____ |
| 5) $6 \times 400 =$ _____ | 25) $60 \times 30 =$ _____ |
| 6) $800 \times 4 =$ _____ | 26) $90 \times 60 =$ _____ |
| 7) $7 \times 500 =$ _____ | 27) $7 \times 500 =$ _____ |
| 8) $90 \times 10 =$ _____ | 28) $800 \times 9 =$ _____ |
| 9) $600 \times 6 =$ _____ | 29) $10 \times 70 =$ _____ |
| 10) $7 \times 300 =$ _____ | 30) $7 \times 900 =$ _____ |
| 11) $800 \times 5 =$ _____ | 31) $600 \times 8 =$ _____ |
| 12) $0 \times 900 =$ _____ | 32) $4 \times 700 =$ _____ |
| 13) $60 \times 10 =$ _____ | 33) $900 \times 7 =$ _____ |
| 14) $7 \times 700 =$ _____ | 34) $6 \times 900 =$ _____ |
| 15) $900 \times 4 =$ _____ | 35) $40 \times 80 =$ _____ |
| 16) $3 \times 900 =$ _____ | 36) $700 \times 8 =$ _____ |
| 17) $600 \times 2 =$ _____ | 37) $9 \times 800 =$ _____ |
| 18) $9 \times 900 =$ _____ | 38) $80 \times 70 =$ _____ |
| 19) $7 \times 600 =$ _____ | 39) $7 \times 700 =$ _____ |
| 20) $500 \times 9 =$ _____ | 40) $80 \times 60 =$ _____ |



