

Dear Parents,

*With summer vacation rapidly approaching, schoolwork is about to come to an end. Although summer is a time for fun and relaxation, you know how much your child can lose academically over the summer. Your children have grown by leaps and bounds during the school year and it is essential to practice and reinforce all that they have learned, especially in the area of math. Because math is built on previously taught skills, I am giving students a summer packet to complete over the summer. Some of the work in this packet will be a review of skills taught in 2nd and 3rd grade, and some may be a bit more challenging. By reviewing these skills throughout the summer they will be prepared to move right into the 4th grade curriculum, giving us more time to learn new material. **The packet will be due on Thursday, August 29th, 2024, and will be counted as their 1st test grade.** I will go over this on Wednesday giving them the opportunity to ask questions before they hand it in to be graded. Thank you for your support and cooperation. Enjoy your summer and well-earned rest! Stay safe; see you in August.*

Mrs. Lambert

* HONORS 3rd to 4th *

Name _____ Date _____

Give the best answer for each question.

1. What is 461 rounded to the nearest hundred?

5. There are 9 rows in Luisa's section at the theater with 5 seats in each row. How many seats are there altogether in Luisa's section?

2. Each classroom has 30 students. How many students are in 5 classrooms?

6. Which equations also represent $2 + 2 + 2 + 2 + 2 = 10$? Select all that apply.

- 100 students
- 150 students
- 160 students
- 180 students

- $5 \times 2 = 10$
- $2 \times 2 = 10$
- 2 fives = 10
- 5 twos = 10

3. What is 854 rounded to the nearest ten?

7. A school play costs \$5 for each adult ticket and \$3 for each student ticket. A family buys 3 student tickets and 1 adult ticket. How much does the family spend on tickets?

- 800
- 850
- 860
- 900

4. Add.

$$\begin{array}{r} 298 \\ + 43 \\ \hline \end{array}$$

8. Add.

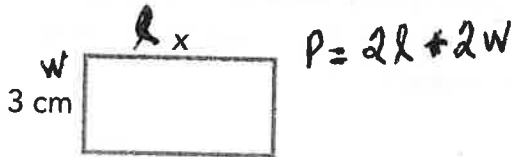
$$\begin{array}{r} 475 \\ + 187 \\ \hline \end{array}$$

9. Match each multiplication expression with its product.

7×8	32
6×4	56
8×4	42
4×4	16
7×6	24

10. Bryan has 3 boxes of apples. Each box has 20 apples. How many apples does Bryan have in all?

11. If the perimeter of the rectangle is 36 cm, what is the value of x ?



- 3 cm 6 cm
 9 cm 15 cm

12. Eighteen children go on a trip in 3 vans. Each van takes the same number of children. How many children ride in each van?

13. Sara has 24 pieces of firewood. If each bundle uses 8 pieces of wood, how many bundles of firewood can Sara make?

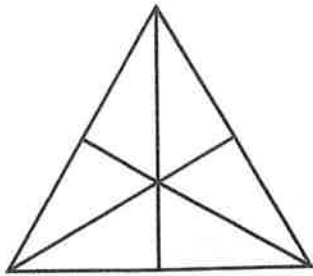
14. Ken buys 7 pairs of socks for \$2 each and a T-shirt that costs \$12. How much does Ken spend?

15. Which multiplication equations are true? Select all that apply.

- $10 \times 1 = 10$
 $0 \times 7 = 7$
 $1 \times 1 = 1$
 $0 \times 0 = 0$
 $9 \times 1 = 0$

16. Write the numbers 781, 791, and 780 in order from least to greatest.

17. Shade $\frac{4}{6}$ of the triangle.



20. Carolina is selling carrots at the farmers' market. She has 48 carrots that are bundled together in bundles of 6. How many bundles does she have in all?

- 6 bundles 8 bundles
 9 bundles 10 bundles

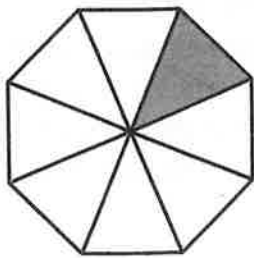
18. Divide.

$40 \div 5 = ?$

21. A number line from 0 to 1 is divided into 7 equal parts. What does the mark before $\frac{4}{7}$ represent?

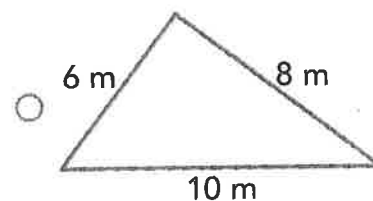
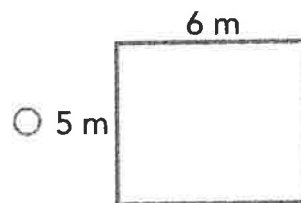
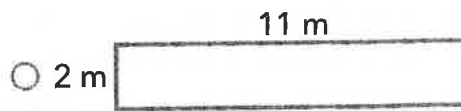
- $\frac{5}{7}$ $\frac{1}{2}$ $\frac{3}{7}$ 0

19. Which fraction represents the shaded part?



- $\frac{1}{3}$
 $\frac{1}{4}$
 $\frac{1}{6}$
 $\frac{1}{8}$

22. Which figure has a perimeter that is less than 24 meters? *Hint: Add Sides.*



23. At a fruit market, Rosa buys 4 bags of 8 apples. How many apples does Rosa buy?

27. Compare. Write $<$, $>$, or $=$.

$\frac{3}{4}$ ○ $\frac{3}{8}$ _____

24. Find the unknown number.

$8 \times \underline{\hspace{2cm}} = 56$

28. Find the unknown number.

$\underline{\hspace{2cm}} \times 6 = 54$

25. Write these fractions in order from least to greatest.

$\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{8}$

_____ , _____ , _____

29. Write an equivalent fraction.

$\frac{2}{4} =$ _____

$\frac{2}{8} =$ _____

$\frac{6}{8} =$ _____

26. Rachel plans to bake 120 cookies for her friend's birthday party. So far, she has baked 4 batches of 20 cookies each. How many more cookies does she need to bake?

30. The walk to the rink will take a half hour. The hockey game starts at 2:00 P.M. Gus wants to make sure he has 10 minutes to find his seat. What time should Gus leave home?

1:00 P.M.

1:10 P.M.

1:20 P.M.

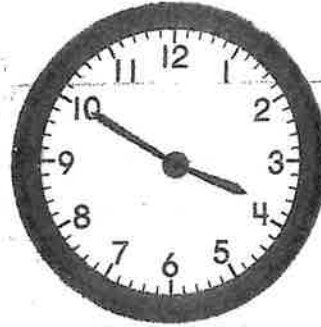
1:30 P.M.

1:40 P.M.

31. Jonah will leave to go to the library at 4:30. The clock shows the time now.

What time is it now? _____

In how many minutes will Jonah leave to go to the library?



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32. A concert costs \$6 for each adult ticket and \$4 for each senior ticket. A family buys 3 adult tickets and 1 senior ticket. How much does the family spend on tickets?

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33. Sam cuts a small pie into 6 equal pieces. His younger brothers eat 4 pieces. Sam eats the rest. What fraction of the pie does Sam eat? Explain how you got your answer.

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34. A theater sells 164 tickets one night. The theater sells 328 tickets the next night. On the third night, the theater sells 50 more tickets than on the second night. How many tickets in all does the theater sell?

35. Peter is packaging cookies for a bake sale. He made a total of 48 cookies and wants to put the same number of cookies in each bag. How many more bags will Peter have if he puts 4 cookies in a bag instead of 6 cookies in a bag? Explain *(Show your work)*

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36. There are no passengers on the bus before the first stop. At the first three bus stops, 4 people get on at each stop and no one gets off the bus. At the fourth bus stop, 7 people get off the bus and no one gets on the bus. Lara says that there are now 5 passengers left on the bus. Maya says that there are now 11 passengers left on the bus. Who is correct? Explain *or Show your work.*

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37. A group of 12 students will be assigned seats at 3 tables. The same number of students will sit at each table.

Which facts can you use to find how many students will sit at each table? Select all that apply.

- $12 \div 3 = 4$ $12 + 3 = 15$
 $3 \times 4 = 12$ $12 - 3 = 9$

38. Paolo went shopping at a garden store. He bought 9 house plants for \$4 each. He paid \$5 for potting soil. When he left the store, he had \$42. How much did he have to start?

39. Dana and Liz are making necklaces. They have 63 beads and want to use all the beads. Each necklace will contain the same number of beads. Dana says they can make 7 necklaces. Liz says they can make 9 necklaces. Who is right? Explain your reasoning.

40. There are 24 plants. Eight plants fit on each shelf. How many shelves will the plants fill?

41. Paul has 20 erasers. He gives 5 to each new friend who comes to his house to visit. How many new friends visit before Paul runs out of erasers?

42. Inez read from 11:35 A.M. to 12:25 P.M. She read a nonfiction book for 25 minutes and a fiction book the rest of the time. She says she spent more time reading the fiction book. Is she right? Explain.

43. Shari has \$170. She spends \$127 on new clothes. Estimate how much money Shari has left.

- About \$2
- About \$20
- About \$40
- About \$100

44. Rob watches a caterpillar for 13 minutes. He takes a 3-minute break, then watches the caterpillar for 20 more minutes. He stops at 4:15 P.M. When did Rob start watching the caterpillar? Show your work.

45. Complete each pair of equivalent fractions.

$$\frac{1}{4} = \frac{2}{\square}$$

$$\frac{3}{6} = \frac{\square}{8}$$