Our Lady of the Snows Catholic Academy

"Turning today's learners into tomorrow's leaders"

Entering 5th Grade September 2023

Summer Reading Assignment for Students

In preparation for Fifth Grade, you are required to read two books:

1. *Half Magic* - Edward Eager

2 *Your choice from the Childhood of Famous Americans Series.*

You will be tested on the content of *Half Magic* in September. The test will be counted toward the first trimester grade in Language Arts. Take notes so you can remember important facts from the book. Focus on the plot, characters, settings and themes.

You will also be graded on a book report (see format below) for *the book you choose from the Childhood of Famous Americans Series.*

Summer Book Report

Title:

Author:

Write a summary of the story 2 pages long. Remember: do not give all the details. Tell only the important parts of the story.

Describe your two favorite characters from the book.

Would you recommend this book to a friend? Why or why not?
Report is to be typed in 12-point Times New Roman font.

Include a cover with the title and author of the book, as well as your name.

The assignment is due Friday, September 8, 2023

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Math Summer Assignments

for Students
Entering Grades 2 - 5

Students in grades 2 through 5 are required to complete the summer Math assignments that will be assigned by their current teacher. These assignments can be found on the school website: www.olscafp.org
It is imperative to retain the Math skills that they have learned this academic year in order to be successful in the next grade. The Math assignments consist of a culmination of all the skills and strategies learned in this past academic year.

All assignments are due by:

Friday, September 8, 2023

Students are expected to know and be proficient in the following skills according to their grade level:

Entering 2nd Graders:

- Write and read numbers 1 - 120
- Addition and Subtraction facts within 10
- Comparing Numbers (<, >, =)
- Time to the Hour
- Addition and Subtraction to 20
- Place Value
- Measurement
- Fact Families
- Double digit addition and subtraction

Please Note: Spending time each day reviewing basic facts will ensure that your child has a happy and successful year.

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Entering 3rd Graders:

- Addition and Subtraction to the hundreds place with/without regrouping
- Time and Measurement
- Line Plots, Bar Graphs and Picture Graphs
- Place Value
- Basic Fractions
- Value and Adding Coins
- Geometry (sides and vertices)

Please Note: In addition to completing the Math packet, the students should be reviewing basic Math skills they have learned this year. They have access to their Freckle and IReady accounts and should spend time practicing these skills each day.

Entering 4th Graders:

- Addition and Subtraction with/without regrouping
- Basic Facts in Multiplication and Division (1-12)
  (all facts must be memorized for 4th grade-students will be at a great disadvantage if they do not know them.)
- Geometry (types of polygons, sides, and vertices)
- Basic Understanding of Fractions
- Perimeter
- Be able to read and understand word problems

Please Note: The 4th grade Math curriculum goes at a steady pace, covering a new lesson everyday in order for the students to be prepared for the NYS Math Test in May.

Entering 5th Graders:

- Addition and Subtraction with/without regrouping
- Basic Facts in Multiplication and Division
- Identifying fractions and decimals
- Fractions: Adding and subtracting with like/unlike denominators, comparing fractions, order of fractions

Please Note: You can use 99math.com to help practice Math skills. You can create a free account and practice skills listed above at the 4th or 5th grade level.

6. Tony rode his bicycle $3\frac{7}{10}$ miles to school. What is this distance written as a decimal?

Ⓐ 0.037 mile

Ⓑ 0.37 mile

Ⓒ 3.7 miles

Ⓓ 37 miles

7. Craig hiked for $\frac{7}{10}$ mile and stopped to take pictures. Then he hiked for another $\frac{25}{100}$ mile. How far did he hike in all?

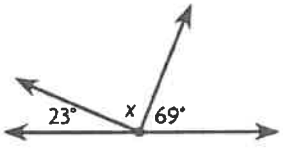
Ⓐ $\frac{32}{100}$ mile

Ⓑ $\frac{70}{100}$ mile

Ⓒ $\frac{85}{100}$ mile

Ⓓ $\frac{95}{100}$ mile

8. What is the measure of the unknown angle in the figure?



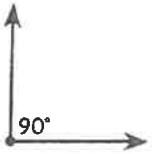
Ⓐ 180°

Ⓑ 92°

Ⓒ 88°

Ⓓ 44°

9. Caroline drew the angle below.



What name should Caroline give her angle?

Ⓐ obtuse angle

Ⓑ acute angle

Ⓒ right angle

Ⓓ straight angle

10. Eric put two angles together to form a straight angle. One angle measures 115°. What is the measure of the other angle?

Ⓐ 65°

Ⓑ 75°

Ⓒ 85°

Ⓓ 95°

GO ON

11. How many degrees are in an angle that turns through $\frac{1}{3}$ of a circle?

Ⓐ 360°

Ⓑ 180°

Ⓒ 120°

Ⓓ 90°

12. Irene bought $\frac{9}{16}$ pound of wheat flour and $\frac{4}{16}$ pound of rye flour to use in a bread recipe. How much flour did Irene buy in all?

Ⓐ $\frac{15}{16}$ pound

Ⓑ $\frac{13}{16}$ pound

Ⓒ $\frac{1}{2}$ pound

Ⓓ $\frac{13}{32}$ pound

13. Dan has a piece of wood that is $\frac{9}{10}$ meter long. He uses $\frac{6}{10}$ meter of the piece of wood for a model boat he is building. How much of the piece of wood does Dan have left?

Ⓐ $\frac{15}{10}$ meters

Ⓑ $\frac{3}{5}$ meter

Ⓒ $\frac{5}{10}$ meter

Ⓓ $\frac{3}{10}$ meter

14. One of the hiking trails at a state park is $\frac{14}{3}$ miles long. Which mixed number shows the length of the hiking trail?

Ⓐ $4\frac{2}{3}$ miles

Ⓑ $4\frac{1}{3}$ miles

Ⓒ $3\frac{2}{3}$ miles

Ⓓ $3\frac{1}{3}$ miles

15. Emma has $5\frac{3}{8}$ pounds of potato salad and $2\frac{7}{8}$ pounds of egg salad for a picnic. How many more pounds of potato salad than egg salad does Emma have?

Ⓐ 3 pounds

Ⓑ $2\frac{3}{4}$ pounds

Ⓒ $2\frac{1}{2}$ pounds

Ⓓ $2\frac{1}{4}$ pounds

GO ON

16. Anna has 32 red beads, 16 blue beads, and 8 green beads. She wants to put an equal number of each kind of bead on necklaces she is making. How many of each kind of bead can Anna put on each necklace?

Ⓐ 8

Ⓑ 2, 4 or 8

Ⓒ 2 or 4

Ⓓ 1, 2, 4, or 8

17. Paula and Karen are playing a game. Paula counts by 4s. Karen counts by 5s. They try to pace the counting so they will say the first common number together. What is the first number they both say together?

Ⓐ 20

Ⓑ 15

Ⓒ 12

Ⓓ 5

18. Jeff's teacher writes a list of numbers on the board. She asks Jeff to circle the prime number. Which number should Jeff circle?

Ⓐ 6

Ⓑ 10

Ⓒ 13

Ⓓ 15

19. Ming writes a number pattern on a slip of paper and hands it to his friend Jack.

24, 21, 23, 20, 22, 19, 21, 18

Jack writes the next number in the pattern and hands the paper back to Ming. What number should Jack write?

Ⓐ 19

Ⓑ 20

Ⓒ 21

Ⓓ 22

20. Dawn's family is taking a 3-day vacation to visit her cousins. How many hours will they be away?

Ⓐ 24 hours

Ⓑ 36 hours

Ⓒ 48 hours

Ⓓ 72 hours

GO ON

21. The table shows a pattern for two units of customary capacity.

_____	_____
1	4
2	8
3	12
4	16

Which are the best labels for each column?

Ⓐ Gallons, Cups

Ⓑ Quarts, Cups

Ⓒ Pints, Cups

Ⓓ Cups, Fluid Ounces

22. Carlos and his family left for the amusement park at 8:35 A.M. The trip took 1 hour 55 minutes. What time did they arrive?

Ⓐ 9.35 A.M.

Ⓑ 10:15 A.M.

Ⓒ 10:30 A.M.

Ⓓ 10:45 A.M.

23. Sandy cut three pieces of yarn to use for her art project. One piece was 1 foot 8 inches long, one was 10 inches long, and one was 2 feet 6 inches long. How much yarn did Sandy use?

Ⓐ 3 feet 12 inches

Ⓑ 4 feet 10 inches

Ⓒ 5 feet

Ⓓ 5 feet 6 inches

24. A picture called a mosaic was made from 172,435 small clay tiles. What is the value of the digit 2 in 172,435?

Ⓐ 200

Ⓑ 2,000

Ⓒ 20,000

Ⓓ 200,000

25. Maya used number tiles to make the number 428,745. Then she changed two digits to make the number 427,845. Which statement about these numbers is correct?

Ⓐ $428{,}745 < 427{,}845$

Ⓑ $427{,}845 = 428{,}745$

Ⓒ $427{,}845 > 428{,}745$

Ⓓ $427{,}845 < 428{,}745$

GO ON

26. An amusement park had 56,437 visitors the first year and 48,319 visitors the second year it was open. What was the total number of visitors for both years?

Ⓐ 114,756 visitors

Ⓑ 104,756 visitors

Ⓒ 104,746 visitors

Ⓓ 94,746 visitors

27. Mika and Shelly were playing a video game. Mika scored 65,324 points. Shelly scored 46,789 points. How many more points did Mika score than Shelly?

Ⓐ 28,645

Ⓑ 28,535

Ⓒ 18,645

Ⓓ 18,535

28. The lunch room at Diane's school has a perimeter of 300 feet. The length of the room is 85 feet. What is the width of the room?

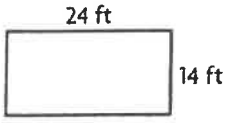
Ⓐ 50 feet

Ⓑ 65 feet

Ⓒ 75 feet

Ⓓ 150 feet

29. Patel made a rectangular garden in his family's backyard.



What is the perimeter of the garden?

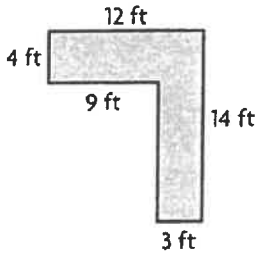
Ⓐ 336 feet

Ⓑ 76 feet

Ⓒ 48 feet

Ⓓ 38 feet

30. Patrick drew this plan for a new walkway through his backyard.



How many square feet of bricks will Patrick need to cover the walkway?

Ⓐ 168 square feet

Ⓑ 90 square feet

Ⓒ 78 square feet

Ⓓ 52 square feet

GO ON

31. Philip is making a poster that is 36 inches long and 24 inches wide. He cuts out a rectangle that is 5 inches long and 12 inches wide from the poster. How much of the poster remains?

Ⓐ 140 square inches

Ⓑ 704 square inches

Ⓒ 804 square inches

Ⓓ 864 square inches

32. Which shows the **best** estimate to use to find 43×78?

Ⓐ $40 \times 70 = 2{,}800$

Ⓑ $40 \times 80 = 3{,}200$

Ⓒ $50 \times 70 = 3{,}500$

Ⓓ $50 \times 80 = 4{,}000$

33. Chen can jump rope 60 times a minute. At that rate, how many jumps can he make in 9 minutes?

Ⓐ 620

Ⓑ 540

Ⓒ 520

Ⓓ 500

34. Marjorie's customers bought 94 bouquets at her flower shop for $14 each. What is the total amount customers paid for the bouquets?

Ⓐ $1,216

Ⓑ $1,306

Ⓒ $1,316

Ⓓ $1,416

35. Lonnie works weekends at his uncle's apple orchid. He has 47 baskets of apples to pack. Each basket holds 35 apples. How many apples in all will Lonnie pack?

Ⓐ 1,745

Ⓑ 1,715

Ⓒ 1,645

Ⓓ 1,445

GO ON

36. Matt is making a picture frame from a piece of wood trim that is $\frac{27}{8}$ feet long. How can Matt rename the fraction as a mixed number?

Ⓐ $3\frac{3}{8}$

Ⓑ $2\frac{3}{8}$

Ⓒ $2\frac{1}{4}$

Ⓓ $1\frac{3}{8}$

37. Suki named a fraction that was **not** a multiple of $\frac{3}{4}$. Which fraction could she have named?

Ⓐ $\frac{6}{4}$

Ⓑ $\frac{9}{4}$

Ⓒ $\frac{10}{4}$

Ⓓ $\frac{12}{4}$

38. Larry rides his bike $\frac{5}{6}$ mile 4 times a week. How far does Larry ride his bike each week?

Ⓐ $3\frac{1}{3}$ miles

Ⓑ $3\frac{2}{3}$ miles

Ⓒ 4 miles

Ⓓ 20 miles

39. Jason's soccer practice lasts for $1\frac{1}{3}$ hours. He goes to practice 4 days a week. How much time in all does Jason spend at soccer practice?

Ⓐ $6\frac{2}{3}$ hours

Ⓑ $6\frac{1}{3}$ hours

Ⓒ $5\frac{2}{3}$ hours

Ⓓ $5\frac{1}{3}$ hours

40. At the beginning of the school year, 118 students are enrolled in 4th grade. The students are divided into 6 classes. Which is the **best** estimate of the number of students in each class?

Ⓐ 10

Ⓑ 20

Ⓒ 30

Ⓓ 40

GO ON

41. The art teacher needs 70 markers for her classes. The markers come in packages of 15. What is the smallest number of packages of markers the art teacher will need to buy?

Ⓐ 5

Ⓑ 4

Ⓒ 3

Ⓓ 2

42. A movie theater sold 2,604 tickets in 6 days. They sold the same number of tickets each day. How many tickets did the theater sell each day?

Ⓐ 404

Ⓑ 434

Ⓒ 443

Ⓓ 534

43. A pencil company packs pencils in boxes of 8. How many boxes can they pack with 32,000 pencils?

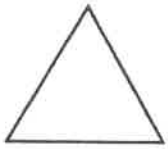
Ⓐ 40,000

Ⓑ 4,000

Ⓒ 400

Ⓓ 40

44. Brad drew the figure below.



How many lines of symmetry does the figure have?

Ⓐ 4

Ⓑ 3

Ⓒ 2

Ⓓ 1

45. Connie drew the figure below as an example for her classmate.

Which of the following terms **best** describes the figure Connie drew?

Ⓐ line segment

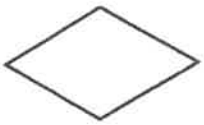
Ⓑ line

Ⓒ angle

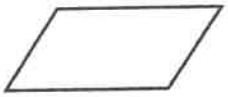
Ⓓ ray

GO ON

46. A window is in the shape of a trapezoid with only 1 pair of parallel sides. Which figure could be the shape of the window?

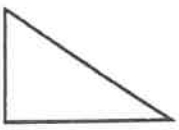
Ⓐ 

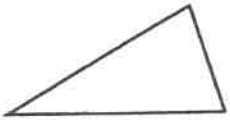
Ⓑ 

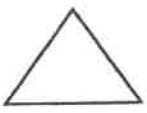
Ⓒ 

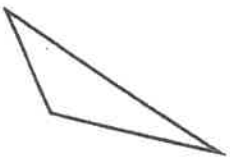
Ⓓ 

47. A flag is in the shape of a right triangle. Which of the following could be the shape of the flag?

Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

48. Andy walked $\frac{3}{4}$ of a mile to the post office and another $\frac{1}{2}$ mile to the supermarket. Which number is a common denominator for $\frac{3}{4}$ and $\frac{1}{2}$?

Ⓐ 10

Ⓑ 8

Ⓒ 6

Ⓓ 5

49. Simon bought $\frac{6}{8}$ of a pound of tuna salad for sandwiches. Which fraction is equivalent to $\frac{6}{8}$?

Ⓐ $\frac{2}{4}$

Ⓑ $\frac{1}{2}$

Ⓒ $\frac{2}{3}$

Ⓓ $\frac{12}{16}$

50. Anita mixes $\frac{3}{5}$ pound of peanuts with $\frac{3}{8}$ pound of raisins to make a snack. Which statement correctly compares the fractions?

Ⓐ $\frac{3}{8} = \frac{3}{5}$

Ⓑ $\frac{3}{8} > \frac{3}{5}$

Ⓒ $\frac{3}{5} > \frac{3}{8}$

Ⓓ $\frac{3}{5} < \frac{3}{8}$

1. Lana bought party favors at a store for her school's 6th grade graduation party. She bought 7 bags of party hats with 12 hats in each bag. She also bought 4 bags of horns with 24 horns in each bag.

Part A

How many more horns than party hats did Lana buy? Show your work.

Part B

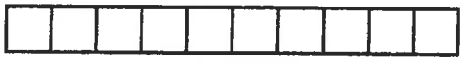
In addition to the party hats and horns, Lana also bought 3 bags of whistles with 18 whistles in each bag. When the party started, Lana found that 19 out of the total number of party favors were broken. How many of the party favors were unbroken?

_____

2. How many acute angles does a right triangle have?

A right triangle has _____ acute angles.

3. Harrison rode his bike $\frac{6}{10}$ of a mile to the park. Shade the model. Then write $\frac{6}{10}$ as a decimal to show how far Harrison rode his bike.



Harrison rode his bike _____ mile to the park.

4. Use the rule to write the first five terms of the pattern.

Rule: Subtract 3, multiply by 2 First term: 8

_____

GO ON

5. Select another way to show 25×18. Mark all that apply.

Ⓐ $(20 \times 10) + (20 \times 8) + (5 \times 10) + (5 \times 8)$

Ⓑ $(25 \times 20) + (25 \times 5) + (25 \times 10) + (25 \times 8)$

Ⓒ $(20 \times 18) + (5 \times 10) + (5 \times 8)$

Ⓓ $(25 \times 10) + (25 \times 8)$

Ⓔ $(25 \times 20) + (25 \times 5)$

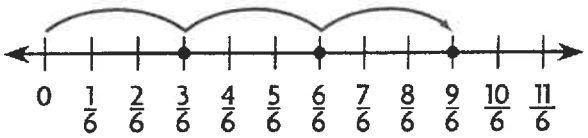
6. Ann runs $\frac{2}{5}$ mile. Kim runs $\frac{3}{4}$ mile. They want to compare how far they each ran. Circle the symbol that completes the comparison.

$\frac{2}{5}$ [< > =] $\frac{3}{4}$

7. Serena has several packages of raisins. Each package contains 3 boxes of raisins. Which could be the number of boxes of raisins Serena has? Mark all that apply.

Ⓐ 9 Ⓑ 18 Ⓒ 23 Ⓓ 27 Ⓔ 32

8. Phil made a number line showing the multiples of $\frac{3}{6}$.



The product $2 \times \frac{3}{6}$ is shown by the fraction _____ on the number line.

GO ON

9. Determine whether each measurement is equivalent to 3 meters, 35 centimeters, or 300 millimeters. Write the measurement in the correct box.

3,000 millimeters	300 centimeters	30 centimeters
$\frac{35}{100}$ meter	0.300 meter	0.35 meter
$\frac{300}{1,000}$ meter	350 millimeters	30 decimeters

3 meters	35 centimeters	300 millimeters

10. Draw a place value model to show 4,362.

11. Three girls are selling cases of popcorn to earn money for a band trip. In their first week, Emily sold $2\frac{3}{4}$ cases, Brenda sold $4\frac{1}{4}$ cases, and Shannon sold $3\frac{1}{2}$ cases.

Part A

How many cases of popcorn have the girls sold in all?

Part B

The girls must sell a total of 35 cases in order to have enough money for the trip. Suppose they sell the same amount in each of the following 2 weeks as they sold in the first week. Will the girls have sold enough cases of popcorn to go on the trip? Explain.

GO ON

12. A circle is divided into parts. Which sum could represent the angle measures that make up the circle? Mark all that apply.

Ⓐ $120° + 120° + 120°$

Ⓑ $47° + 61° + 78° + 83° + 101°$

Ⓒ $15° + 40° + 53° + 62° + 90° + 100°$

Ⓓ $20° + 30° + 60° + 70°$

13.

Mountain Peaks of Canada			
Name	**Height (ft)**	**Name**	**Height (ft)**
Centennial Peak	12,533	Mount Root	12,799
Mount Columbia	12,293	Mount Tiedemann	12,625
Mount King George	12,274	North Twin	12,247

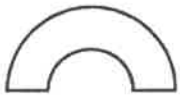
Write the name of each mountain in the box that describes its height, in feet.

Between 12,240 feet and 12,500 feet	Between 12,501 feet and 12,800 feet

14. Kelly has 236 feet of fencing material to use to enclose a rectangular space for her dog. She wants to use all of the fencing material. She also wants the width to be 23 feet. Draw a rectangle that could be the space for Kelly's dog. Label the length and the width.

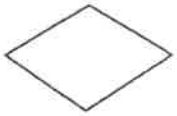
15. Write the letter for each figure below the correct number of lines of symmetry it has.

A



B

C



D

0 lines of symmetry	1 line of symmetry	2 lines of symmetry	More than 2 lines of symmetry

GO ON

16. A total of 5,437 visitors went to a theme park on Monday and Tuesday. If 3,758 visitors went to the theme park on Monday, how many visitors went to the park on Tuesday? Show your work.

17. Write the word that describes the part of Figure A written below.

ray | line | line segment | acute angle | right angle

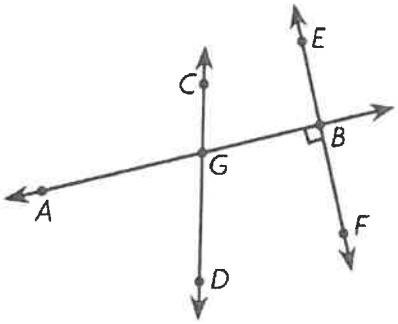


Figure A

$\overline{AG}$ _____ $\angle GBF$ _____

$\overleftrightarrow{EF}$ _____ $\angle AGD$ _____

$\overrightarrow{GC}$ _____

18. Trevor's pet goat weighed $6\frac{3}{8}$ pounds when it was born. By age 3, the goat weighed 8 times as much. Use the numbers and symbols on the tiles to show how to find the weight of Trevor's goat at age 3. Not all numbers and symbols will be used.

weight = ☐ ☐ ☐

$8\frac{3}{8}$	8	3
$6\frac{3}{8}$	+	×

GO ON

19. Charlotte made this pictograph to show the number of dogs attending a dog training class this week.

Dogs in Training Class

Monday	🐾🐾🐾
Wednesday	🐾🐾
Friday	🐾🐾🐾🐾🐾🐾🐾
Saturday	🐾🐾🐾🐾🐾🐾🐾🐾

🐾 = 3 dogs

Part A

How many fewer dogs were in training class on Monday than on Friday? Write and solve an equation.

Equation: _____

Answer: _____ fewer dogs

Part B

Choose the number that makes the sentence true.

Charlotte forgot to include Thursday on her graph. There were two times as many dogs at Thursday's class as there were at Monday's class.

There were [2 / 6 / 15 / 18] dogs in the training class on Thursday.

20. Fill in the numbers to find the sum.

$$\frac{2}{10} + \frac{\square}{100} = \frac{5}{\square}$$

GO ON

21. The table shows how many liters of water people drank during a picnic. Complete the line plot to show the data.

Amount of Water Consumed (in liters)
$\frac{1}{7}, \frac{3}{7}, \frac{3}{7}, \frac{2}{7}, \frac{1}{7}, \frac{2}{7}, \frac{1}{7}, \frac{5}{7}$

Liters of Water Consumed

22. An author signed books at a book store starting at 11:00 A.M. She signed books for 1 hour 25 minutes. Draw jumps on the time line to determine the end time.

The author stopped signing books at _____ P.M.

23. Jane and Marcus both create place mats out of lace trim. Marcus uses 3 times as much lace as Jane. Together, they use 64 inches of lace trim making place mats. How much lace does each person use? Write an equation and solve.

24. Ellie's mom sells toys. She sold $\frac{7}{10}$ of the toys. Select a way $\frac{7}{10}$ can be written as a sum of fractions. Mark all that apply.

Ⓐ $\frac{4}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

Ⓑ $\frac{4}{10} + \frac{3}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

Ⓒ $\frac{1}{10} + \frac{2}{10} + \frac{3}{10} + \frac{1}{10}$

GO ON

25. Which pairs of fractions are equivalent? Mark all that apply.

Ⓐ $\frac{4}{5}$ and $\frac{6}{8}$

Ⓑ $\frac{2}{6}$ and $\frac{1}{3}$

Ⓒ $\frac{2}{3}$ and $\frac{8}{12}$

Ⓓ $\frac{1}{4}$ and $\frac{2}{10}$

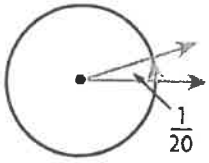
26. Circle the number in the box that best completes the statement.

The product of 39 and 122 is closest to

3,000
4,000
4,800
5,200

.

27. An angle represents $\frac{1}{20}$ of a circle. Use the numbers on the tiles to show how to find the measure of the angle in degrees. Numbers may be used once, more than once, or not at all.



$$\frac{1}{20} = \frac{1 \times \square}{20 \times \square} = \frac{\square}{360}$$

14
18
36

The angle measure is _____.

28. Represent the shaded part of the fraction bar as the product of a whole number and a unit fraction.

$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

29. Eric made $\frac{7}{8}$ cup of trail mix. He ate $\frac{1}{8}$ cup of trail mix. How much trail mix does Eric have left?

_____ cup

GO ON