Name: _____

Rising 5th Grade Summer Math Packet

Hooray! You are officially an incoming 5th grader! This math packet has been created to ensure that you are prepared and ready to start the year off with math confidence.

This packet includes skill practice and reviews the concepts you covered in fourth grade. It also includes worksheets to practice your basic math skills.

Below you will find directions for completing the packet.

Directions:

- Please write your first and last name on the packet.
- All work is to be neat and completed in pencil without the use of a calculator.
- Keep your packet in a folder and in a safe place to help you stay organized.
- I suggest that you do one page of multiple-choice questions and one page of basic math skills each week.
- You should complete the problems on each page by showing your work in the space provided.
- Please do not skip problems. If you find a problem that you are unfamiliar with or have forgotten, look for resources online: IXL or Khan Academy.
- Once you have solved a problem, ask yourself, "Does my answer make sense?"
- IXL will be available as a resource throughout the summer. You will continue to use your current IXL username and password.
- This math packet is to be turned in the first week of school to your math teacher. This will count as your first math grade as a 5th grader!

That "sums" it up! Have a great summer! See you in August!

Summer Math - Rising 5th Grade WEEK 1

1. 3 hours = _____ minutes

A. 15
B. 180
C. 300
D. 360

4.MD.1

2. 3 boys earned $26.25 mowing lawns in their neighborhood. If they divided the money equally, how much would each boy get?

A. $7.65
B. $7.75
C. $8.65
D. $8.75

4.MD.2

3. Find the value of the underlined digit.

24,<u>1</u>24

A. 1
B. 10
C. 100
D. 1000

4.NBT.1

4. 598,085 + 217,621 =

A. 815,706
B. 815,606
C. 816,706
D. 816,606

4.NBT.4

5. $2,564 x 5 =

A. $10,829
B. $10,820
C. $12,829
D. $12,820

4.NBT.5

6. Natalie is comparing decimals. Which of the following is true?

A. $0.88 < 0.8$
B. $0.8 = 0.80$
C. $0.8 > 0.81$
D. $0.89 > 0.98$

4.NF.7

Summer Math - Rising 5th Grade WEEK 2

7. Use the rule to write the numbers in the pattern.

Rule: Subtract 3 First item: 25

25, ____, ____, ____, ____

A. 22, 19, 16, 13

B. 28, 31, 34,37

C. 22, 20, 18, 19

D. 22, 18, 15, 12 **4.OA.5**

8. Round 29,605 to the nearest thousands place.

A. 29,060

B. 29,600

C. 29,000

D. 30,000

4.NBT.3

9. Which of the following is an equivalent fraction of $\frac{2}{3}$?

A. $\frac{4}{6}$

B. $\frac{5}{9}$

C. $\frac{8}{11}$

D. $\frac{9}{15}$ **4.NF.1**

10. Write the total amount of money shown below, then write that amount as a fraction.

A. $\$3.21, 3\frac{21}{100}$

B. $\$3.61, 3\frac{61}{100}$

C. $\$3.51, 3\frac{51}{1000}$

D. $\$3.41, 3\frac{41}{1000}$ **4.NF.6**

11. 5 meters = _____ centimeters

A. 5000

B. 5

C. 500

D. 50

4.MD.1

12. Write the fraction as a mixed number. $\frac{22}{5} =$

A. $3\frac{2}{5}$

B. $4\frac{2}{5}$

C. $4\frac{3}{5}$

D. $3\frac{3}{5}$ **4.NF.3b**

Summer Math - Rising 5th Grade WEEK 3

13. What number is shown below?

100,000 + 4,000 + 500 + 40 + 3

A. 104,503
B. 114,543
C. 14,543
D. 104,543

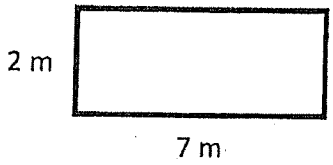
4.NBT.2

16. There were 8 lifeguards for each of the 3 pools. How many total lifeguards were there?

A. 24
B. 11
C. 16
D. 8

4.OA.3

14. What is the perimeter of this rectangle?



A. 14 meters
B. 18 meters
C. 9 meters
D. 16 meters

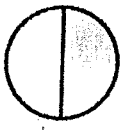
4.MD.3

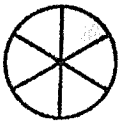
17. 50 x 10 =

A. 50
B. 5
C. 500
D. 5000

4.NBT.5

15. Which circle has 1/4 of the circle shaded?

A 

B 

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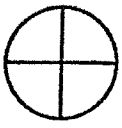
D 

4.MD.5a

18. Is the fraction $\frac{5}{9}$ in simplest form?

A. Yes
B. No, $\frac{1}{3}$ is simplest form
C. No, $\frac{2}{6}$ is simplest form
D. No, $\frac{10}{18}$ is simplest form

4.NF.1

Summer Math - Rising 5th Grade WEEK 4

19. Maria gives an equal number of seashells to 3 of her friends. Which of the following numbers could be the total number of seashells that she gives to her friends?

A. 10
B. 13
C. 15
D. 16

4.OA.4

22. Estimate the product of 19 x 39.

A. 400
B. 800
C. 1,000
D. 1,200

4.NBT.5

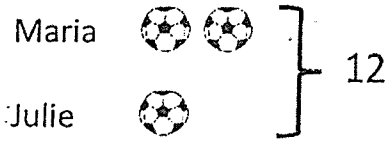
20. $3\frac{1}{5} + 2\frac{1}{5} =$

A. $5\frac{2}{5}$
B. $5\frac{1}{5}$
C. $1\frac{1}{5}$
D. $5\frac{3}{5}$

4.NF.3c

23. Maria has 2 times as many soccer balls as Julie. Together they have 12 soccer balls. How many soccer balls does Julie have? Use the model to solve.

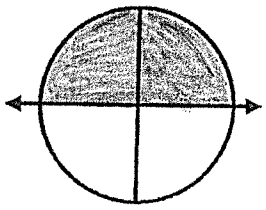
A. 9
B. 3
C. 4
D. 8



4.OA.2

21. What is the measure of the angle of the shaded portion in degrees?

A. 360°
B. 270°
C. 180°
D. 90°



4.MD.5b

24. Order from greatest to least:

11,105; 11,115; 11,015

A. 11,015; 11,115; 11,150
B. 11,015; 11,150; 11,115
C. 11,115; 11,105; 11,015
D. 11,115; 11,015; 11,105

4.NBT.2

Summer Math - Rising 5th Grade WEEK 5

25. 950,257
- 628,123

A. 321,034
B. 322,034
C. 321,134
D. 322,134

4.NBT.4

26. Write $\frac{1}{2}$ and $\frac{1}{4}$ as a pair of fractions with common denominators.

A. $\frac{1}{8}$ and $\frac{3}{8}$
B. $\frac{2}{4}$ and $\frac{1}{4}$
C. $\frac{1}{2}$ and $\frac{2}{4}$
D. $\frac{2}{8}$ and $\frac{3}{8}$

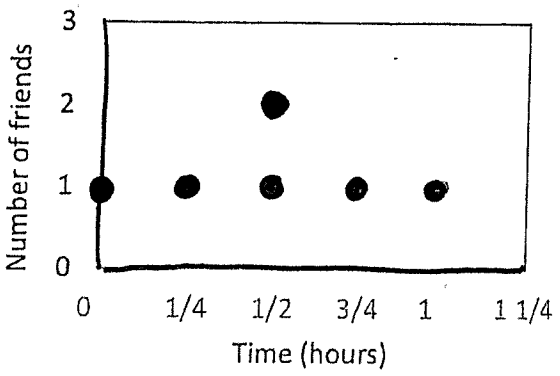
4.NF.1

27. $\frac{6}{9} - \frac{2}{9} =$

A. $\frac{4}{9}$
B. $\frac{4}{18}$
C. 4
D. $\frac{3}{9}$

4.NF.4a

28. 6 of your friends went swimming for part of an hour. The dot plot shows how long they went swimming.



What was the total amount of time that all 6 of your friends went swimming?

A. 3 hours
B. ½ hour
C. 2 hours
D. ¾ hours

4.MD.4

29. Complete the pattern.

5 x 7 = 35
5 x 70 = 350
5 x 700 = 3500
5 x 7000 = _____

A. 3,500
B. 35,000
C. 350,000
D. 3,500,000

4.NBT.5

Summer Math - Rising 5th Grade WEEK 6

30.

$$\begin{array}{r} 17 \\ \times\ 45 \\ \hline \end{array}$$

A. 775

B. 153

C. 665

D. 765

4.NBT.5

32.

$$4\overline{)54}$$

A. 12 R2

B. 12 R1

C. 13 R1

D. 13 R2

4.NBT.6

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

$$\frac{1}{7}, \frac{4}{7}, \frac{2}{7}, \frac{3}{7}$$

A. $\frac{4}{7}, \frac{3}{7}, \frac{2}{7}, \frac{1}{7}$

B. $\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \frac{4}{7}$

C. $\frac{4}{7}, \frac{1}{7}, \frac{3}{7}, \frac{2}{7}$

D. $\frac{1}{7}, \frac{4}{7}, \frac{2}{7}, \frac{3}{7}$

4.NF.2

33. Write an equation for 15 is 3 times as many as 5.

A. $15 = 10 + 5$

B. $15 = 3 \times 5$

C. $15 - 5 = 10$

D. $15 \div 3 = 5$

4.OA.1

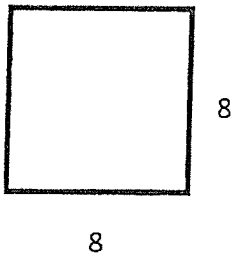
34. What is the area of this square?

A. 16

B. 32

C. 64

D. 72



4.MD.3

Summer Math - Rising 5th Grade WEEK 7

35.

$$\begin{array}{r} 95 \\ \times\ 7 \\ \hline \end{array}$$

A. 102

B. 642

C. 665

D. 655

4.NBT.5

38. Which of the following is a multiple of 9?

A. 66

B. 65

C. 64

D. 63

4.OA.4

36. $\frac{9}{11} - \frac{3}{11} =$

A. $\frac{6}{11}$

B. $\frac{12}{11}$

C. 6

D. $\frac{3}{11}$

4.NF.3a

39. $4\overline{)918}$

A. 229 R2

B. 229 R1

C. 228 R2

D. 228 R1

4.NBT.6

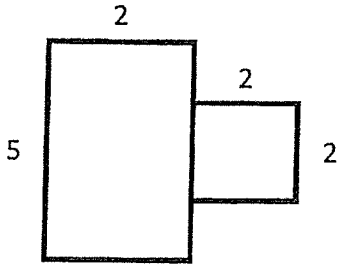
37. What is the area?

A. 10

B. 14

C. 18

D. 22



4.MD.3

40. $\frac{1}{7} \times 2 =$

A. $\frac{1}{14}$

B. $\frac{2}{7}$

C. $\frac{7}{2}$

D. 14

4.NF.4b

Summer Math - Rising 5th Grade WEEK 8

41. Write this mixed number as a fraction.

$$5\frac{3}{4}$$

A. $\frac{22}{4}$

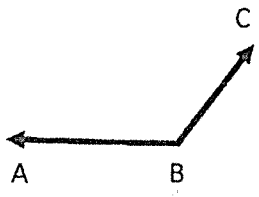
B. $\frac{20}{4}$

C. $\frac{23}{2}$

D. $\frac{23}{4}$

4.NF.3b

42. Estimate the measure of angle ABC.



A. 45 degrees

B. 90 degrees

C. 120 degrees

D. 220 degrees

4.MD.6

43. What type of angle is shown below?

A. Right

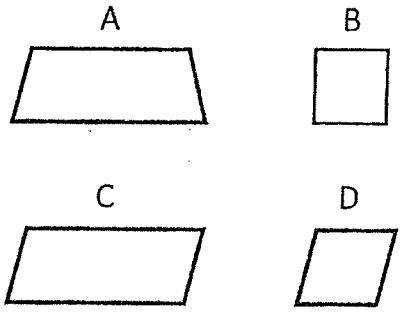
B. Obtuse

C. Straight

D. Acute

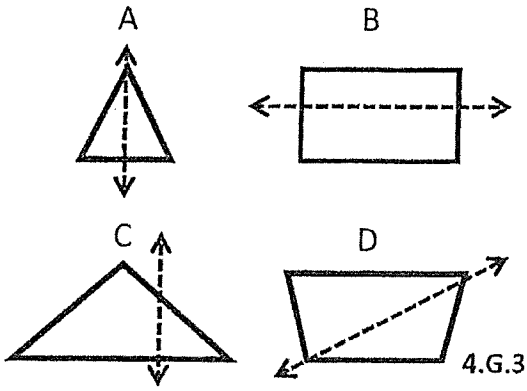
4.G.1

44. Which of the following is a trapezoid?



4.G.2

45. Which figure shows a line of symmetry?



4.G.3

46. How would you describe the numbers 15 and 71?

A. They are both composite

B. They are both prime

C. 15 is prime and 71 is composite

D. 71 is prime and 15 is composite

4.OA.4

Summer Math - Rising 5th Grade WEEK 9

47. $1\frac{1}{3} \times 3 =$

A. 4

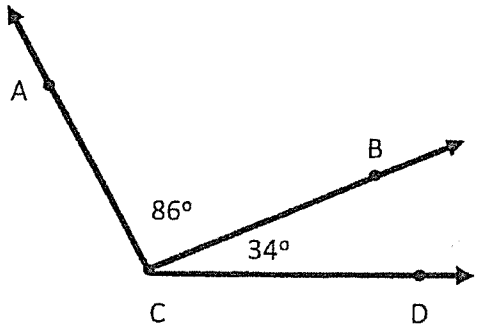
B. 5

C. 6

D. 7

4.NF.4c

48. If ∠ACB measures 86° and ∠BCD measures 34° then what is the measurement of ∠ACD?



A. 101°

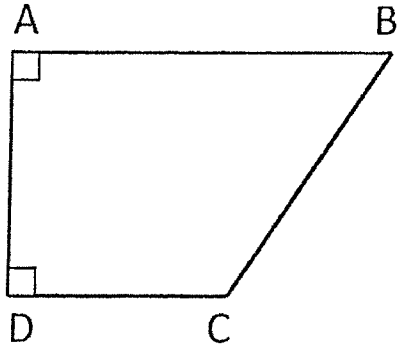
B. 100°

C. 110°

D. 120°

4.MD.7

49. Which 2 sides are perpendicular?



A. AC and BD

B. AB and DC

C. AD and BC

D. AB and AD

4.NF.5

50. $\frac{1}{10} + \frac{10}{100} =$

A. $\frac{20}{100}$

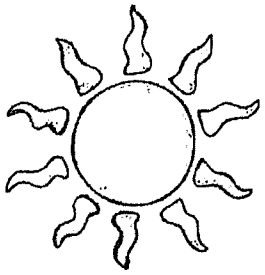
B. $\frac{11}{100}$

C. $\frac{20}{10}$

D. $\frac{10}{100}$

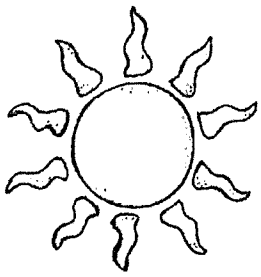
4.NF.5

Summer Math - 2 & 3 digit Addition
WEEK I



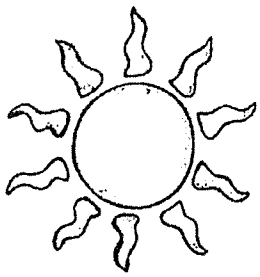
24 + 10	425 + 23	64 + 35	507 + 28
315 + 29	78 + 55	955 + 26	81 + 49
506 + 301	931 + 32	657 + 592	436 + 391
758 + 599	959 + 637	808 + 796	639 + 578

Summer Math - 4 & 5 digit Addition
WEEK 2



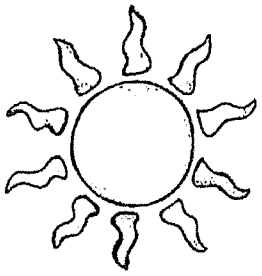
1,432 + 2,460	2,521 + 1,351	3,610 + 2,242	4,701 + 3,133
58,120 + 5,024	6,923 + 6,715	70,341 + 7,656	8,145 + 8,567
92,562 + 8,978	83,673 + 7,889	74,784 + 6,798	65,895 + 55,657

Summer Math - Multiplication
WEEK 3



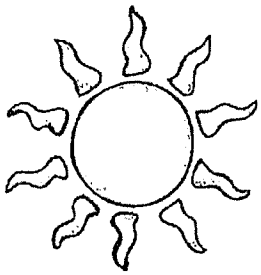
24 x 2	35 x 3	25 x 4	17 x 5
305 x 6	41 x 7	605 x 2	80 x 8
51 x 8	92 x 5	35 x 6	410 x 5
711 x 6	920 x 7	813 x 8	621 x 9

Summer Math - Multiplication
WEEK 4



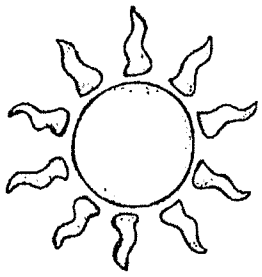
21 x 20	32 x 12	15 x 13	45 x 20
55 x 31	60 x 22	75 x 31	81 x 52

Summer Math - Subtraction
WEEK 5



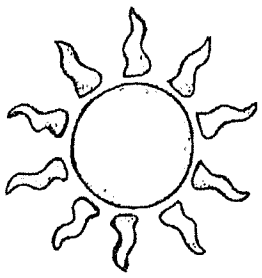
24 - 10	475 - 23	69 - 35	557 - 23
395 - 21	78 - 55	955 - 26	81 - 49
506 - 301	951 - 32	657 - 192	836 - 391
758 - 599	959 - 637	808 - 596	679 - 538

Summer Math - Subtraction
WEEK 6



3,462 - 1,430	5,551 - 2,311	7,642 - 3,202
58,150 - 5,024	6,918 - 6,365	79,069 - 7,656
95,562 - 3,078	86,679 - 51,123	74,784 - 36,728

Summer Math - Long Division
WEEK 7

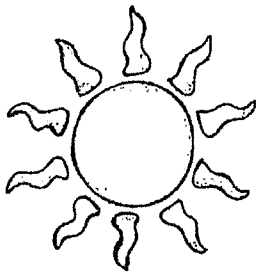


$2\overline{)42}$ $2\overline{)71}$ $3\overline{)165}$

$4\overline{)191}$ $7\overline{)509}$ $9\overline{)720}$

$8\overline{)456}$ $5\overline{)322}$ $6\overline{)550}$

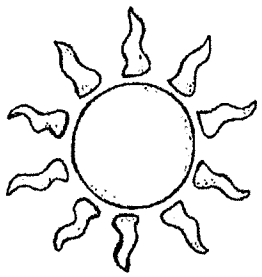
Summer Math - Long Division
WEEK 8



$2\overline{)3065}$ $5\overline{)7569}$ $3\overline{)6474}$

$6\overline{)4893}$ $4\overline{)9097}$ $7\overline{)9792}$

Summer Math - Fractions
WEEK 9



$\frac{1}{4}+\frac{1}{4}=$ $\frac{3}{5}+\frac{1}{5}=$ $\frac{1}{9}+\frac{1}{9}=$

$1\frac{1}{10}+1\frac{2}{10}=$ $2\frac{1}{3}+4\frac{1}{3}=$ $5\frac{1}{7}+2\frac{3}{7}=$

$\frac{2}{3}-\frac{1}{3}=$ $\frac{5}{6}-\frac{2}{6}=$ $\frac{7}{8}-\frac{2}{8}=$

$5\frac{3}{4}-3\frac{1}{4}=$ $6\frac{6}{7}-1\frac{1}{7}=$ $4\frac{4}{5}-2\frac{1}{5}=$