

Happy Summer!

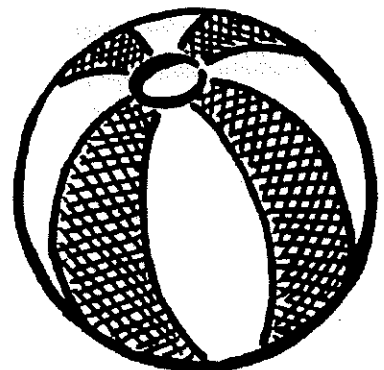
The goal of this math packet is to provide students with 12-14 math problems per week to help combat the "summer slide". This refers to students sliding backwards over the summer because math skills are not practiced weekly like they are during the school year. For some, it is very slight, but for others, it is a dramatic drop that takes weeks of catching up at the start of the school year. For this reason, students will have a packet to work on over the summer. There are parts of the packet that are considered "Must Do" and parts that are "May Do". As a family you can determine if the "May Do" sections are something that you would like your child to work on. Other "May Do" activities include Prodigy, math games, fact fluency practice, or IXL (incoming 5th and 6th graders have an account that should be active during part of the summer). These are things that are NOT required, but provide great support to keep math skills fresh over the summer.

The sections of the packet that are labeled "Must Do" or "All" are required to be completed over summer break, and this packet will be collected the first day of school. The packet will be checked for completion and looked over to make sure students worked through the problems and showed their work. This will be the first grade entered into the gradebook and will count as a quiz grade.

The intention of this packet is not to have students work on it ALL summer. Each week of the required work should not take more than 20-30 minutes. There are 10 weeks of practice, with 12-14 problems each week. My goal is to help prevent the summer slide, not take up your entire summer! We have 12 weeks of summer, so however you decide to complete the work is fine.

I do suggest that you complete small chunks throughout the summer, instead of going it all at the beginning or end of the summer. I would also suggest deciding what day or days you will like to work on the packet, and try to stay on that schedule. For example, "every Wednesday morning during the summer, I will spend 25 minutes working on my math packet. If I do not finish the work for the week, I will finish it on Thursday morning". Finally, it might be helpful to use a timer and set it for 25 minutes, and have a plan to do something fun once you are done. For example, "once I spend 25 minutes working on my math packet, I will go outside and ride my bike". This is also a great tool for students that need to practice time management and organization. It might even be better for your child or schedule to work on it for 5 minutes each weekday morning. Some weeks you might need to double up a week and that is fine. Whatever works best! I have provided a schedule on the back of this page to help you schedule time that works best for your family this summer. You may complete it at the start of the summer, or as you finish each week. Once you have completed the packet please sign the bottom (both student and parent). If you misplaced your packet, a digital copy will be provided via email.

Thank you for your support and have a fantastic summer,
Ms. Feldmann



My Summer Math Packet Schedule

Week	Date or Dates Completed	If this week's work was difficult put an X	If you marked an X what was difficult? If not, leave this column blank.	Parent Initials
Example	6/3	X	Multi digit multiplication	
Week 1				
Week 2				
Week 3				
Week 4				
Week 5				
Week 6				
Week 7				
Week 8				
Week 9				
Week 10				

→ Practice multiplication and division facts.
 I understand that parts of this packet are required work for the summer and will be going into the gradebook as a quiz grade. Failure to complete this packet will result in a zero in the gradebook and a mark on my accountability card. This packet was also completed to the best of my ability.

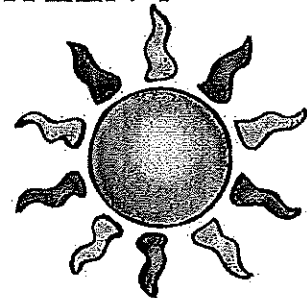
Student Signature: _____

Parent Signature: _____

Review of 4th Grade

Summer Math - 2 & 3 digit Addition WEEK 1

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Must Do

$$\begin{array}{r} 24 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 425 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 315 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 506 \\ + 301 \\ \hline \end{array}$$

$$\begin{array}{r} 931 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 758 \\ + 599 \\ \hline \end{array}$$

$$\begin{array}{r} 959 \\ + 637 \\ \hline \end{array}$$

May Do

$$\begin{array}{r} 64 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 507 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 955 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 657 \\ + 592 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ + 391 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ + 796 \\ \hline \end{array}$$

$$\begin{array}{r} 639 \\ + 578 \\ \hline \end{array}$$

Summer Math Review of 4th Grade WEEK I

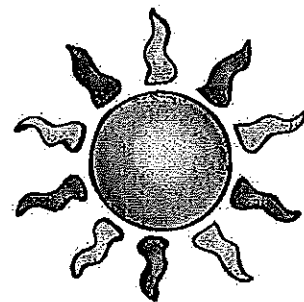
* ALL *

1. 3 hours = _____ minutes A. 15 B. 180 C. 300 D. 360 4.MD.1	4. $598,085 + 217,621 =$ A. 815,706 B. 815,606 C. 816,706 D. 816,606 4.NBT.4
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	5. $\\$2,564 \times 5 =$ A. \$10,829 B. \$10,820 C. \$12,829 D. \$12,820 4.NBT.5
3. Find the value of the underlined digit. 24,<u>1</u>24 A. 1 B. 10 C. 100 D. 1000 4.NBT.1	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 - 4 & 5 digit Addition WEEK 2

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



Must Do

$$\begin{array}{r} 1,432 \\ + 2,460 \\ \hline \end{array}$$

$$\begin{array}{r} 2,521 \\ + 1,351 \\ \hline \end{array}$$

$$\begin{array}{r} 58,120 \\ + 5,024 \\ \hline \end{array}$$

$$\begin{array}{r} 6,923 \\ + 6,715 \\ \hline \end{array}$$

$$\begin{array}{r} 92,562 \\ + 8,978 \\ \hline \end{array}$$

$$\begin{array}{r} 83,673 \\ + 7,889 \\ \hline \end{array}$$

May Do

$$\begin{array}{r} 3,610 \\ + 2,242 \\ \hline \end{array}$$

$$\begin{array}{r} 4,701 \\ + 3,133 \\ \hline \end{array}$$

$$\begin{array}{r} 70,341 \\ + 7,656 \\ \hline \end{array}$$

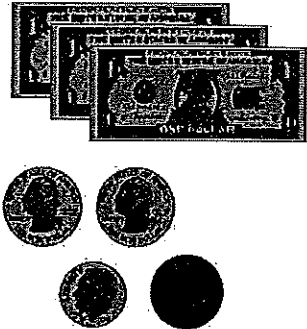
$$\begin{array}{r} 8,145 \\ + 8,567 \\ \hline \end{array}$$

$$\begin{array}{r} 74,784 \\ + 6,798 \\ \hline \end{array}$$

$$\begin{array}{r} 65,895 \\ + 55,657 \\ \hline \end{array}$$

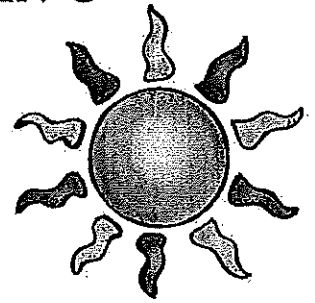
Summer Math Review of 4th Grade WEEK 2

ALL

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	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
8. Round 29,605 to the nearest thousands place. A. 29,060 B. 29,600 C. 29,000 D. 30,000 4.NBT.3	11. 5 meters = _____ centimeters A. 5000 B. 5 C. 500 D. 50 4.MD.1
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	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 - Multiplication WEEK 3

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Must Do

$$\begin{array}{r} 24 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 711 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 920 \\ \times 7 \\ \hline \end{array}$$

May Do

$$\begin{array}{r} 25 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 605 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 813 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 621 \\ \times 9 \\ \hline \end{array}$$

Summer Math Review of 4th Grade WEEK 3

ALL

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

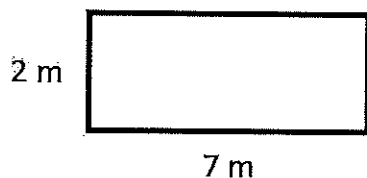
4.NBT.2

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

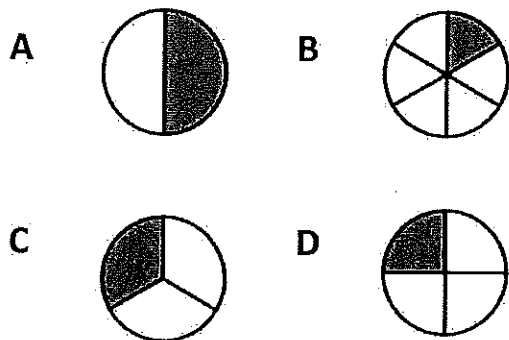
4.MD.3

17. $50 \times 10 =$

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

4.NBT.5

15. Which circle has $\frac{1}{4}$ of the circle shaded?



4.MD.5a

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

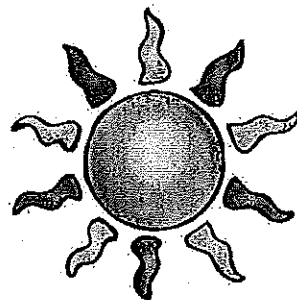
- A. Yes
- B. No, $\frac{1}{3}$ is simplest form
- C. No, $\frac{2}{6}$ is simplest form
- D. No, $\frac{10}{18}$ is simplest form

4.NF.1

Summer Math - Multiplication WEEK 4

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



MUST DO

$$\begin{array}{r} 21 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 31 \\ \hline \end{array}$$

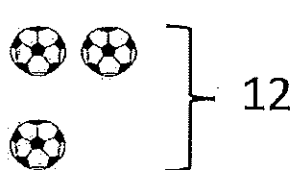
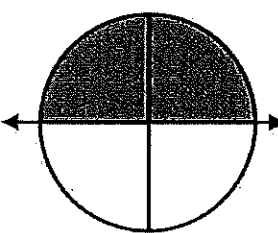
$$\begin{array}{r} 60 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 52 \\ \hline \end{array}$$

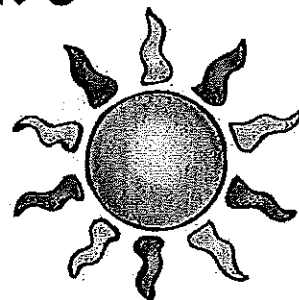
Summer Math Review of 4th Grade WEEK 4

ALL

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 19×39. 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 Maria Julie  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 <u>greatest</u> to <u>least</u>: 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 - Subtraction WEEK 5

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Must Do

$$\begin{array}{r} 24 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 475 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 395 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 506 \\ - 301 \\ \hline \end{array}$$

$$\begin{array}{r} 951 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 758 \\ - 599 \\ \hline \end{array}$$

$$\begin{array}{r} 959 \\ - 637 \\ \hline \end{array}$$

May Do

$$\begin{array}{r} 69 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 557 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 955 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 657 \\ - 192 \\ \hline \end{array}$$

$$\begin{array}{r} 836 \\ - 391 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ - 596 \\ \hline \end{array}$$

$$\begin{array}{r} 679 \\ - 538 \\ \hline \end{array}$$

Summer Math Review of 4th Grade WEEK 5

ALL

25.
$$\begin{array}{r} 950,257 \\ - 628,123 \\ \hline \end{array}$$

- 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 $\frac{3}{8}$

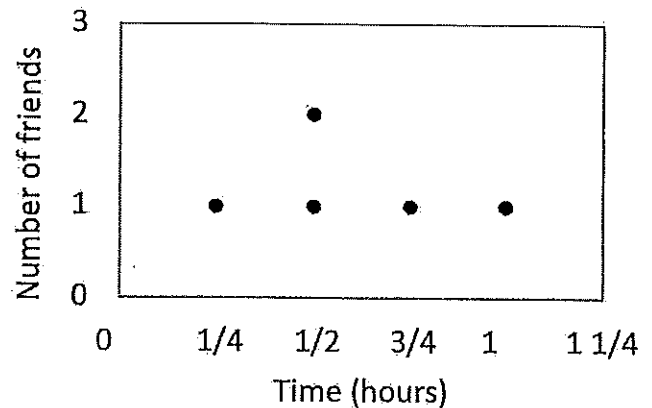
4.NF.1

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. $\frac{1}{2}$ hour
- C. 2 hours
- D. $\frac{3}{4}$ hours

4.MD.4

29. Complete the pattern.

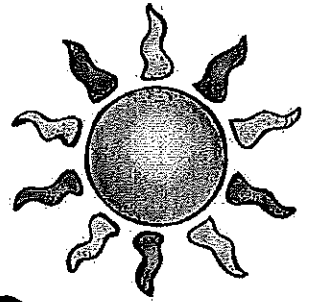
$$\begin{array}{l} 5 \times 7 = 35 \\ 5 \times 70 = 350 \\ 5 \times 700 = 3500 \\ 5 \times 7000 = \underline{\hspace{2cm}} \end{array}$$

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

4.NBT.5

Summer Math - Subtraction WEEK 6

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Must Do

$$\begin{array}{r} 3,462 \\ - 1,430 \\ \hline \end{array}$$

$$\begin{array}{r} 5,551 \\ - 2,311 \\ \hline \end{array}$$

$$\begin{array}{r} 58,150 \\ - 5,024 \\ \hline \end{array}$$

$$\begin{array}{r} 6,918 \\ - 6,365 \\ \hline \end{array}$$

$$\begin{array}{r} 95,562 \\ - 3,078 \\ \hline \end{array}$$

$$\begin{array}{r} 86,679 \\ - 51,123 \\ \hline \end{array}$$

May Do

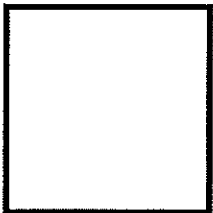
$$\begin{array}{r} 7,642 \\ - 3,202 \\ \hline \end{array}$$

$$\begin{array}{r} 79,069 \\ - 7,656 \\ \hline \end{array}$$

$$\begin{array}{r} 74,784 \\ - 36,728 \\ \hline \end{array}$$

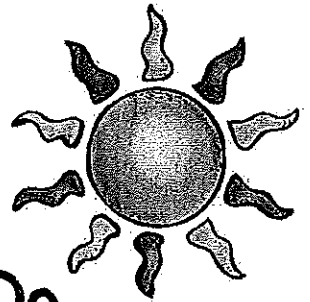
Summer Math Review of 4th Grade WEEK 6

* ALL *

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  8 8 4.MD.3

Summer Math - Long Division WEEK 7

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.



Write the number you completed correctly in the sun.

Must Do

$$2 \overline{)42}$$

$$2 \overline{)71}$$

$$4 \overline{)191}$$

$$7 \overline{)509}$$

$$8 \overline{)456}$$

$$5 \overline{)322}$$

May Do

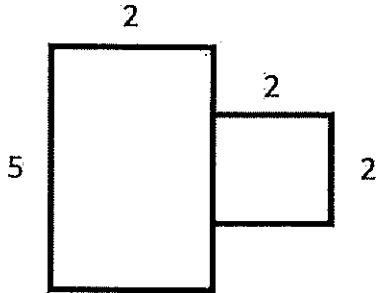
$$3 \overline{)165}$$

$$9 \overline{)720}$$

$$6 \overline{)550}$$

Summer Math Review of 4th Grade WEEK 7

ALL

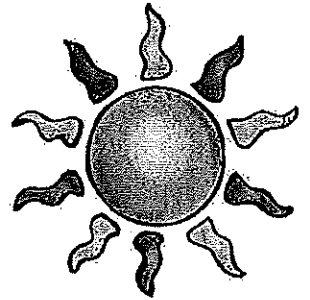
35. $\begin{array}{r} 95 \\ \times 7 \\ \hline \end{array}$ A. 102 B. 642 C. 665 D. 655 4.NBT.5	38. Which of the following is a multiple of 9? A. 66 B. 65 C. 64 D. 63 4.OA.4
36. $\frac{9}{11} - \frac{3}{11} =$ A. $\frac{6}{11}$ B. $\frac{12}{11}$ C. 6 D. $\frac{3}{11}$ 4.NF.3a	39. $4 \overline{)918}$ 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 - Long Division WEEK 8

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.

Must Do *ALL*



$$2 \overline{)3065}$$

$$5 \overline{)7569}$$

$$3 \overline{)6474}$$

$$6 \overline{)4893}$$

$$4 \overline{)9097}$$

$$7 \overline{)9792}$$

Summer Math Review of 4th Grade WEEK 8

* ALL *

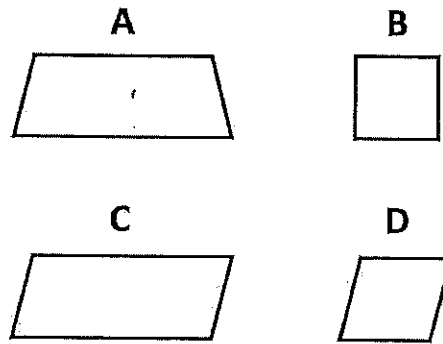
41. Write this mixed number as a fraction.

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

- A. $\frac{22}{4}$
 B. $\frac{20}{4}$
 C. $\frac{23}{2}$
 D. $\frac{23}{4}$

4.NF.3b

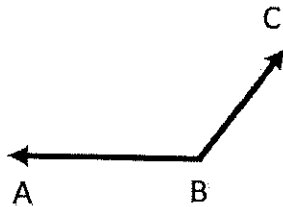
44. Which of the following is a trapezoid?



4.G.2

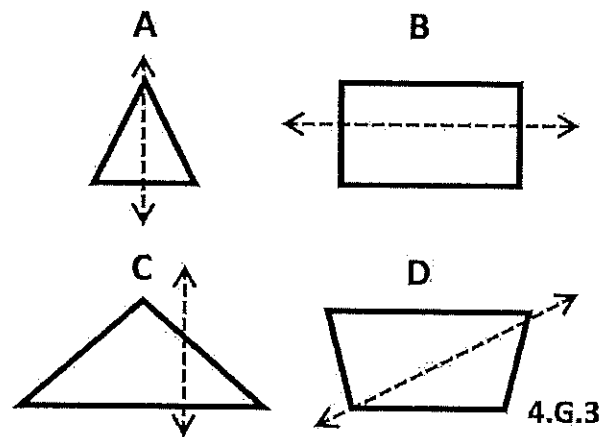
42. Estimate the measure of angle ABC.

- A. 45 degrees
 B. 90 degrees
 C. 120 degrees
 D. 220 degrees



4.MD.6

45. Which figure shows a line of symmetry?



4.G.3

43. What type of angle is shown below?

- A. Right
 B. Obtuse
 C. Straight
 D. Acute



4.G.1

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

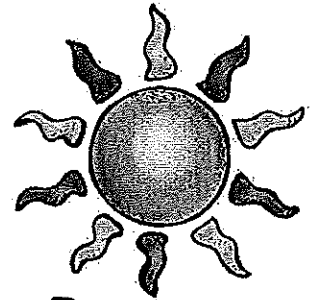
- A. They are both composite
 B. They are both prime
 C. 15 is prime and 71 is composite
 D. 71 is prime and 15 is composite

4.OA.4

Summer Math - Fractions WEEK 9

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



Must Do

$$\frac{1}{4} + \frac{1}{4} =$$

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

$$1\frac{1}{10} + 1\frac{2}{10} =$$

$$2\frac{1}{3} + 4\frac{1}{3} =$$

$$\frac{2}{3} - \frac{1}{3} =$$

$$\frac{5}{6} - \frac{2}{6} =$$

$$5\frac{3}{4} - 3\frac{1}{4} =$$

$$6\frac{6}{7} - 1\frac{1}{7} =$$

May Do

$$\frac{1}{9} + \frac{1}{9} =$$

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

$$\frac{7}{8} - \frac{2}{8} =$$

$$4\frac{4}{5} - 2\frac{1}{5} =$$

Summer Math Review of 4th Grade WEEK 9

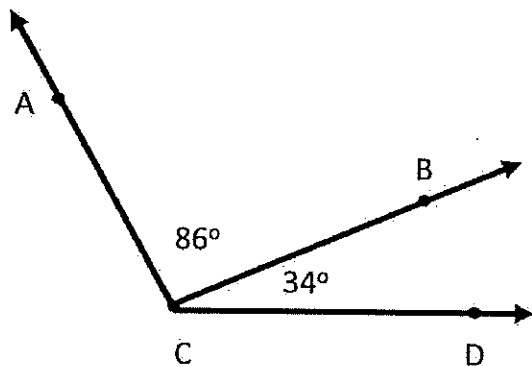
ALL

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

- A. 4
- B. 5
- C. 6
- D. 7

4.NF.4c

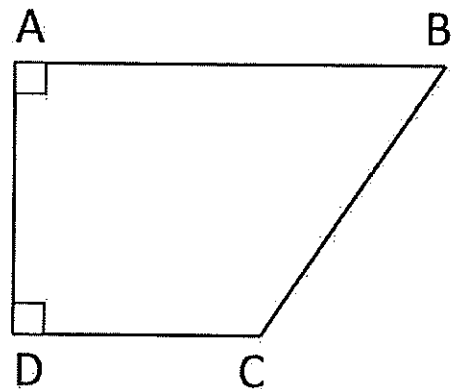
48. If $\angle ACB$ measures 86° and $\angle BCD$ measures 34° then what is the measurement of $\angle ACD$?



- 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