

**Summer Math Homework Package Grade 2**  **3**

It is important that you keep practicing your mathematical Knowledge over the summer to be ready for **3rd grade**.

In this Package you will find a calendar of activities for the month of July and August.

What should you do?

* Take a new notebook for every-day practice;
* Start each day with vocabulary words: copy each word, find and write the meaning of each word in your notebook;
* Use the internet to find the meaning of each word you do not know:

[**https://dynamiclearningmaps.org/sites/default/files/documents/ERP/dlm\_math\_glossary.pdf**](https://dynamiclearningmaps.org/sites/default/files/documents/ERP/dlm_math_glossary.pdf)

* Solve the problem of the day with full explanation;
* Have the date of the entry. Have a clear and complete answer. Be neat and organize.

Do not forget to bring your notebook to school on the first school day.

**Have a Great Summer!!**

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| **July**  **2 🡪3**  **Monday** | **Tuesday** | **Wednesday** | **Thursday** | Digit  Standard Form  **Friday 26** | Expanded Form Word Form  **Saturday 27** | **Incoming**  **3rd Grade** |
| Place Value  Period    **29** | Round  **30** | Even Number  Odd Number    **1** | Decimal Point  Dollar Sign  **2** | Addends  Sum    **3** | Properties of Addition (Commutative, Associative, Identity) **4** | **Summer Home Work** |
| Estimate  Difference  **6** | Order    **7** | Equation  **8** | Number Line  **9** | Fact Family Number Sentence  **10** | Compatible  numbers  **11** | **Vocabulary** |
| Regroup    **13** | Minute  Hour  **14** | A.M.  P.M.    **15** | Pint  Quart  Gallon    **16** | Gram  Kilogram  Ounce  Pound, Ton  **17** | Compare    **18** |  |
| Half Hour Quarter hour  **20** | Elapsed Time      **21** | Line Plot  Pictograph    **22** | Line Graph  Bar Graph  **23** | Coordinate Grid  Ordered Pair    **24** | Tally Chart  Tally Mark  **25** | davinci.png |

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| **July\_**  **2 🡪 3**  **Monday** | | **Tuesday** | | **Wednesday** | **Thursday** | | Write each number in standard form:  **a)** 14,000 +600 +10+4  **b)** 900,000+ 1,000 +700+6**.**  **Friday 26** | | What is the greatest possible 5- digit number you can make from the digits 5, 3, 7, 9, 6? The smallest possible?  **Saturday 27** | | **Incoming**  **3rd Grade** | |
| Write the value of the underlined digit:  **a)** 77,059  **b)** 186,840  **c)** 846,924  **d)** 684,061 **29** | | Round to the nearest ten:  **a)** 94,654  **b)** 397  **c)** 7,546  **d)** 5,651  **e)** 2,209 **30** | | Round to the nearest hundred: **a)** 733 **b)** 184  **c)** 5,642 **d)** 8,557 **e)** 58,961 **f)** 64,238  **1** | Kevin bought a toy for $4.29. He paid with a $10.00 bill. How much change did he receive in dollars and cents?  **2** | | Mental Math:  **a)**56+29 **b)** 75+28 c)132+54 **d)**71-45 **e)**88-29 **f)**100-26 **g)**63+49 **h)**54-39  **3** | | Mark the odd numbers: 45 69 96 148 623 82 15 90 131.  **4** | | **Summer Home Work** | |
| Estimate each sum or difference:  **a)** 398+125 **b)** 518+249 **c)** 288+87 **d** **)**617-263 **e)** 924-70 **6** | | Write the numbers in order from least to greatest:  978, 1,005, 994, 482, 1,125, 459  **7** | | Find the missing numbers:  **a)** 7 +8 + X =40  **b)** (12+7)+X=34  **8** | Two friends hiked near a waterfall. It took them 158 min. to hike up and 106 min. to come down. About how long did they hike?  **9** | | 20+16=36,  so 36-x=20, find X.  **10** | | April needs to estimate the sum of 427 and 358. Should she round to the nearest ten or to the nearest hundred to get a closer answer? Explain**.**  **11** | | **Problem of the day** | |
| Write vertically and solve:  a) 6,149+95  b) 65,267+85 **13** | | Round then add:  **a)** 3,785+2,423=  **b)** 458+149=  **c)** 976+589+34=  **14** | | Mr. P drove 198 mi. before lunch and 154 mi. after. How much did he drive in all? **15** | Round then subtract:  8,146 - 564    **16** | | Solve:  **a**)105-49 b)500-265  **c)** $3.95+$7.46=  **d)** $ 20.00-$11.80=  **17** | | Compare. Use <, >, =.  **a)** 12+5\_20  **b)**  56-4\_62  **c)** 37-21\_6+19  **18** | |  | |
| Write the time in 2 ways:  12:30 ; 4:15 ; 9:45; 11:20 ; 5:25; 7:35  **20** | | Find the elapsed time:  **a)** Start: 9:00 A.M. End: 2:00 PM  **b)** Start: 6:30 P.M. End 7: 15 P.M  **21** | | Tara’s baby sister naps between 12:45 PM and 2:30 PM every day. How long does Tara’s sister nap for?  **22** | **a)** How many days are there in 3 weeks? 5 weeks?  **b**) Write the months of the year with their ordinal numbers. **23** | | Draw a coordinate grid on grid paper. Mark each ordered pair on the grid.  **A (3,5) ; B (0,4) ;**  **C (5,0) ; D (6,6) ;  E ( 2, 7) 24** | | If each symbol on a pictograph stands for 2 days, how many symbols do you need to show 6 days? 7 days? 8 days? 12 days?  **25** | | davinci.png | |
| **August**  **2 🡪 3**  **Monday 27** | Multiplication  Array  Product  **Tuesday 28** | | Factor  Multiple  **Wednesday 29** | | Commutative  Property of Multiplication  **Thursday 30** | Properties of Multiplication (Associative, Distributive)  **Friday 31** | | Properties of Multiplication (Zero, Identity)    **Saturday 1** | | **Incoming**  **3rd Grade** | |
| Division  Equal Groups  **3** | Dividend  Divisor  **4** | | Quotient  Remainder  **5** | | Divisible  Multi-Step Problem  **6** | Line  Line Segment  **7** | | Intersecting Lines  Parallel Lines  **8** | | **Summer Home Work** | |
| Ray  Angle  Vertex  **10** | Perpendicular  Lines  **11** | | Types of Angles (Acute, Obtuse, Right)  **12** | | Polygon  Triangle  **13** | Quadrilateral  Trapezoid Parallelogram  **14** | | Rectangle  Rhombus  Square  **15** | | **Vocabulary** | |
| Perimeter  **17** | Area  **18** | | Types of Triangles:  Equilateral,  Isosceles,  Scalene  **19** | | Types of Triangles: Right,  Acute, Obtuse  **20** | Inch  Foot Yard  Mile  **21** | | Fraction  Unit Fraction  **22** | |  | |
| Numerator  Denominator  **23** | Equivalent Fraction  Mixed Number    **24** | | Simplest Form  Of a Fraction      **25** | |  |  | |  | | davinci.png | |

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| **August-**  **2 🡪3**  **Monday 27** | Draw an array to show each multiplication fact. Find the product.  a) 5 x 6  b) 3 x 4  **Tuesday 28** | Cope and complete. Use <,>, or =.  a) 0 x 7 \_\_ 7 x 1  b) 2 X 3 \_\_ 3 X 2 c) 5 x 1 \_\_ 5 X 10    **Wednesday 29** | Josh had 5 carrots. He cut each into 3 pieces. How many carrot pieces does Josh have?  **Thursday 30** | Write the multiples of 2, 5, 7, 8 and 9. Find the pattern.    **Friday 31** | Ed is 4 years old. Ryan is twice as old as Ed. James is half of Ed’s age. How old are Ryan and James?    **Saturday 1** |  |
| Find the product.   1. 22 x 4 x 6 = 2. 29 x 7 x 0 = 3. 7 x 4 x 2 = 4. (10 x 8) x 6 = 5. (5 x 5) x 4=   **3** | What number is 2 more than 7 times 6?  56÷7=  63÷9=  **4** | Joan can bake 1 dozen cookies in 15 minutes. How long will it take her to bake 3 dozen cookies?  **5** | Write a multiplication sentence to solve how many legs these animals have in total. 7 horses? 5 cats? 6 ducks? **6** | Write a numerical expression for each phrase:  a) the product of four and eight  b) 17 more than 20  **7** | Find the quotient.  9÷9=  0÷5=  7÷1=    **8** | **Incoming**  **3rd Grade** |
| Label the divisor, dividend and quotient in the division sentence? 72 ÷ 8 = 9    **10** | Amy made 45 cookies. She put them into 5 equal groups. How many cookies were in each group?  **11** | Solve:  a) 17 ÷ 2 = \_\_\_R\_\_  b) 24 ÷ 5= \_\_\_R\_\_  c) 47 ÷ 7= \_\_\_R \_\_  d) 20 ÷ 7= \_\_\_R\_\_    **12** | A team leader divided a group of 24 kids into teams. Can he divide the children equally into teams of 5? Teams of 8? **13** | Name polygon with  a) five sides b) eight sides  c )six sides  d)four sides  **14** | How are a rectangle and a parallelogram alike? How are they different?    **15** | **Summer Home Work** |
| The perimeter of a square is 12 inches. What is the length of each side?    **17** | Find the perimeter and area of a rectangle that has a length of 6 and a width of 2.  **18** | Draw a square. Then draw a line that divides the square into 2 congruent shapes. Name these shapes. **19** | Juan has $20 to spend. He wants to spend $3 each day for 5 days and $4 on the weekend. Does he have enough money? **20** | Bert bought 4 books for $7 each and a comic for $5. He paid with a $50 bill. How much change did Bert receive? **21** | Elli finished studying at 4:45 PM. He spent 30 min. reading, 45 min., doing math hw and took a 20 min. break. What time did he start?  **22** | **Problem of the day** |
| Sam read 5/6 of his assignment. Judy has read 10/12 of her assignment. Who has read more?  **23** | Order the following fractions from least to greatest: 2/4 ; 1/3 ; 1/6  **24** | Find:  a) 1/5 of 10  b) 1/3 of 18 c) 3/8 of 32    **25** |  |  |  | davinci.png |