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

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:

 [www.amathsdictionaryforkids.com/dictionary.html](http://www.amathsdictionaryforkids.com/dictionary.html)

* 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 September 4, 2018 - the first school day.

**Have a Great Summer!!**

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| **July****2 🡪3****Monday** | **Tuesday** | **Wednesday** | **Thursday** | DigitStandard Form**Friday 29** | Expanded FormWord Form**Saturday 30** | **Incoming****3rd Grade** |
| Place ValuePeriod**2** | Round**3** | Even NumberOdd Number**4** | Decimal PointDollar Sign  **5** | AddendsSum  **6** | Properties of Addition (Commutative, Associative, Identity ) **7** | **Summer Home Work**  |
| EstimateDifference**9** | Order  **10**  | Equation **11** | Number Line**12** | Fact FamilyNumber Sentence **13** | Compatible numbers**14** | **Vocabulary** |
| Regroup **16** | MinuteHour  **17** | A.M.P.M. **18** | PintQuartGallon  **19** | GramKilogramOuncePound, Ton  **20** | Compare **21** |  |
| Half HourQuarter hour**23** | Elapsed Time **24** | Line PlotPictograph **25** | Line GraphBar Graph **26** | Coordinate GridOrdered Pair **27** | Tally ChartTally Mark**28** | 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 29** | What is the greatest possible 5- digit number you can make from the digits 5, 3, 7, 9, 6? The smallest possible? **Saturday 30** | **Incoming****3rd Grade** |
| Write the value of the underlined digit: **a)** 77,059**b)** 186,840**c)** 846,924**d)** 684,061 **2**  | Round to the nearest ten: **a)** 94,654**b)** 397**c)** 7,546 **d)** 5,651**e)** 2,209 **3**   | Round to the nearest hundred: **a)** 733 **b)** 184**c)** 5,642 **d)** 8,557**e)** 58,961**f)** 64,238 **4** | Kevin bought a toy for $4.29. He paid with a $10.00 bill. How much change did he receive in dollars and cents? **5** | 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 **6**  | Mark the odd numbers: 45 69 96 148 623 82 15 90 131.  **7** | **Summer Home Work** |
| Estimate each sum or difference: **a)** 398+125**b)** 518+249**c)** 288+87**d** **)**617-263**e)** 924-70 **9** | Write the numbers in order from least to greatest: 978, 1,005, 994, 482, 1,125, 459**10** | Find the missing numbers: **a)** 7 +8 + X =40 **b)** (12+7)+X=34  **11** | Two friends hiked near a waterfall. It took them 158 minutes to hike up and 106 minutes to come down. About how long did they hike? **12** | 20+16=36, so 36-x=20, find X.**13**  | 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**.**  **14**  | **Problem of the day** |
| Write vertically and solve: a) 6,149+95 b) 65,267+85 **16** | Round then add: **a)** 3,785+2,423= **b)** 458+149= **c)** 976+589+34=**17** | Mr. P drove 198 mi. before lunch and 154 mi. after. How much did he drive in all? **18** | Round then subtract:8,146 - 564 **19** | Solve: **a**)105-49 b)500-265 **c)** $3.95+$7.46= **d)** $ 20.00-$11.80= **20** | Compare. Use <, >, =. **a)** 12+5\_20 **b)**  56-4\_62 **c)** 37-21\_6+19  **21**  |  |
| Write the time in 2 ways:12:30 ; 4:15 ; 9:45; 11:20 ; 5:25; 7:35**23** | 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**24** | Tara’s baby sister naps between 12:45 PM and 2:30 PM every day. How long does Tara’s sister nap for? **25** | **a)** How many days are there in 3 weeks? 5 weeks?**b**) Write the months of the year with their ordinal numbers. **26** | 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) 27**   | 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? **28**  | davinci.png |
| **August** **2 🡪3** **Monday 30** | MultiplicationArrayProduct **Tuesday 31** | FactorMultiple **Wednesday 1** | CommutativeProperty of Multiplication **Thursday 2** | Properties of Multiplication (Associative, Distributive) **Friday 3**  | Properties of Multiplication (Zero, Identity) **Saturday 4**  | **Incoming****3rd Grade** |
| DivisionEqual Groups**6** | Dividend Divisor**7** | QuotientRemainder**8** | DivisibleMulti-Step Problem**9** | LineLine Segment**10** | Intersecting LinesParallel Lines**11** | **Summer Home Work**  |
| RayAngleVertex**13** | Perpendicular Lines**14** | Types of Angles (Acute, Obtuse, Right)**15** | PolygonTriangle**16** | QuadrilateralTrapezoid Parallelogram  **17** | RectangleRhombusSquare**18** | **Vocabulary** |
| Perimeter**20** | Area**21** | Types of Triangles:Equilateral,Isosceles,Scalene **22** | Types of Triangles: Right,Acute, Obtuse**23** | InchFootYardMile**24** | FractionUnit Fraction**25** |  |
| NumeratorDenominator**27** | Equivalent FractionMixed Number**28** | Simplest FormOf a Fraction **29** |   |   |   | davinci.png |

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|  **August-** **2 🡪3** **Monday 30** | Draw an array to show each multiplication fact. Find the product.a) 5 x 6 b) 3 x 4 **Tuesday 31** | Cope and complete. Use <,>, or =.a) 0 x 7 \_\_ 7 x 1b) 2 X 3 \_\_ 3 X 2c) 5 x 1 \_\_ 5 X 10**Wednesday 1** | Josh had 5 carrots. He cut each into 3 pieces. How many carrot pieces does Josh have?**Thursday 2** | Write the multiples of 2, 5, 7, 8 and 9. Find the pattern.  **Friday 3** | 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 4** |  |
| 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

 **6** | What number is 2 more than 7 times 6?56÷7=63÷9= **7** | Joan can bake 1 dozen cookies in 15 minutes. How long will it take her to bake 3 dozen cookies?**8** | Write a multiplication sentence to solve how many legs these animals have in total. 7 horses? 5 cats? 6 ducks? **9** | Write a numerical expression for each phrase: a) the product of four and eightb) 17 more than 20**10**  | Find the quotient.9÷9=0÷5=7÷1=  **11** | **Incoming****3rd Grade** |
| Label the divisor, dividend and quotient in the division sentence?72 ÷ 8 = 9  **13** | Amy made 45 cookies. She put them into 5 equal groups. How many cookies were in each group?**14**  | Solve: a) 17 ÷ 2 = \_\_\_R\_\_b) 24 ÷ 5= \_\_\_R\_\_c) 47 ÷ 7= \_\_\_R \_\_d) 20 ÷ 7= \_\_\_R\_\_**15** | A team leader divided a group of 24 kids into teams. Can he divide the children equally into teams of 5? Teams of 8? **16** | Name polygon witha) five sidesb) eight sides c )six sides d)four sides**17** | How are a rectangle and a parallelogram alike? How are they different? **18** | **Summer Home Work** |
| The perimeter of a square is 12 inches. What is the length of each side?**20** | Find the perimeter and area of a rectangle that has a length of 6 and a width of 2. **21** | Draw a square. Then draw a line that divides the square into 2 congruent shapes. Name these shapes. **22**  | 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? **23**  | Bert bought 4 books for $7 each and a comic for $5. He paid with a $50 bill. How much change did Bert receive? **24** | Elliot 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?  **25** | **Problem of the day** |
| Sam read 5/6 of his assignment. Judy has read 10/12 of her assignment. Who has read more? **27** | Order the following fractions from least to greatest: 2/4 ; 1/3 ; 1/6 **28** | Find:a) 1/5 of 10b) 1/3 of 18c) 3/8 of 32 **29** |  |  |   | davinci.png |