Big Apple Academy   2017   Mathematics Department

Grade K → 1 Summer Homework Math Package

It is important that you keep practicing your mathematical Knowledge over the summer to be ready for **1ˢᵗ grade**.

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

What should you do?

- Use your math notebook for every-day practice. For each day you will need 1 or 2 pages. Write neatly; skip the rows between the lines.
- Start each day with vocabulary words: copy each word from the given day-list, 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.a**mathsdictionaryforkids**.com/**dictionary**.html
  You may draw a picture or give an example if the definition is too hard.

- Solve the problem of the day and write the solution with full explanation
- Have the date of the entry. Have a clear and complete answer. Be neat and organized.

Do not forget to bring your notebook to school on September 5, 2017 - the first school day.

Have a Great Summer!!

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July K→1 Monday	Tuesday	Wednesday	Thursday	Fridays 31	Saturday 1	Incoming 1st Grade
			Solid shape Cube Penny	Digit Number Nickel		
Circle Square Dime 3	Rectangle Triangle Quarter 4	Rhombus Side Dollar 5	Pentagon Hexagon 6	Angle Cone Vertex 7	Addition Subtraction 8	**Summer Home Work**
Pyramid Sphere 10	Fewer than Cylinder 11	More than Rectangular prism 12	Behind In Front 13	Tally marks Tally chart 14	Equal Parts Double 15	**Vocabulary**
Fraction Bar graph 17	Thirds Half/Halves 18	Fourths Fifths 19	Second Eighths 20	Congruent Minute 21	Hour Day 22	
Month Year 24	One Block Ten Block 25	Greater than Compare 26	In all How Many More? 27	Total Less Each 28	All Together Take Away 29	

July **K →1** **Monday**	**Tuesday**	**Wednesday**	**Thursday**	Compare 34 __ 32 74__47 56__19 85__63 Write the numbers 34, 65, 32, 89, 68 in order from least to greatest . **Friday 31**	How many **sides** do a pentagon and a square have all together? How many fewer angles does a triangle have than a hexagon? **Saturday 1**	**Incoming 1st Grade**
Draw a circle, a square, and a rectangle. Draw lines to show halves. Draw the shapes again and show thirds. **3**	Nathan has 20 coins. He gives 10 coins away. How many coins does he have left? 5 dimes = ___ 4 nickels = ___ **4**	Make a bar graph. "Sports We Like" 5 kids like soccer 3 kids like tennis 4 kids like golf Soccer / Tennis / Golf	Oliver saved 25 cents. Joe saved 15 cents less than Oliver. How much money did Joe save? How much more did Oliver save? **6**	Draw a square inside a triangle. Draw a pentagon next to a rectangle. Color ½ of the rectangle and 1/3 of the square. **7**	My number has 8 ones and 2 tens. My number is___ My number has 3 tens and 4 more ones than tens. My number is___ **8**	**Summer Home Work**
A boy bought 2 pairs of shoes for $24 each. How much money did he spend? **10**	John has 21 cherries. Jill has 10 fewer than John. How many cherries does Jill have? **11**	Make a bar graph. "Foods we Like" 7 like chips 9 like tacos 3 like French fries **12**	There are 16 boys and 52 girls. How many children are there in all? Is it more than 100? **13**	How many **vertices** do 2 hexagons have together? 4 dogs have __legs, __tails, and __eyes. **14**	Skip counting By 2: 14 __ __ __ By 10: 7 __ __ __ By 5: 15 __ __ __ **15**	**Problem of the day**
What 2 coins make 20c? 6c? 15c? 10c? What 3 coins make 20c? 7c? 15c? 11c? What 4 coins = 21? **17**	The price of a toy boat is $15. Joey has $10. How much more money does he need? **18**	Draw ten blocks and one blocks to find each answer: 34+25=__ 78-34=_ 6+48=__ 36-34=__ **19**	Sam had 20 coins, he lost all his coins except one dime. How much money does he have? **20**	A circle is divided into 4 equal parts. Shade 3/4 of it. Shade 1/3 of another circle **21**	Draw a clock. Show half past 8. What time will be 5 minutes later ? **22**	
Fill in the blanks 78<__ 94>__ 45<_ 8= __tens, __ones 2 tens 8 ones = ___ **24**	What addition fact helps us to find each answer? 6+7 9+8 12-6 14-10 10-8 11-8 Write the fact family for the following facts: 7+5= __ 8+6= __ **25**	Continue each pattern 6 5 4 3 _ _ 54 56 58 __ __ 347 346 345 ___ ab1cd3ef5_ _ _ _ _ 5iiii4iii3ii _ _ _ 13 24 35 __ __ __ 1 9 2 8 3 7 _ _ _ _ **26**	Kim had 46 candies. She gave 26 candies away. How many candies does Kim have now? Solve: 32+7=__ 45–3=__ 4+6+8=__ 34-7=_ 1+9+9=_ 5+43=__ 86-65=__ 3+42=__ **27**	Alice has 4 coins. The coins make up 22 cents. What coins does she <u>have?</u> Remember the for house 10 (1+9,2+8,3+7,…), memorize it. **28**	Find the missing number. 63 + __ = 73 __ + 8 = 58 105 + __ = 110 2 more than 28 is _ 2 fewer than 52 is _ **29**	

August K→1 Related Facts	Tuesday	Wednesday	Thursday	Friday	Saturday	
August K→1 Related Facts **31**	Even Odd **1**	Time Altogether **2**	Pictograph Surface **3**	Sum Doubles Doubles Plus 1 **4**	Fact family Pattern **5**	**Incoming 1st Grade**
Length Height Width **7**	Skip counting Least to Greatest **8**	Number Digit Congruent **9**	Earn Spend How much **10**	Short Shorter Count on **11**	Long Longer Count back **12**	**Summer Home Work**
One First Last **14**	Two Twelve Twenty Second **15**	Three Third Thirteen Thirty **16**	Four Fourth Fourteen Forty **17**	Five Fifth Fifteen Fifty **18**	O'Clock Hour Hand Minute hand **19**	**Vocabulary**
Sixteen Sixty Seventeen Seventy **21**	Eight Eighteen Eighty **22**	Nine Nineteen Ninety **23**	Most Least Same **24**	Equal Solid shape **25**	Number line Zero **26**	
Number chart Bar graph **28**	Ones Tens **29**	Match Addition Subtraction **30**				

August K→1	Tuesday 1	Wednesday 2	Thursday 3	Friday 4	Saturday 5	
August K →1 **Monday 31**	Bob bought a toy airplane for 42¢ and a toy car for 56¢. How much did he pay in total? Was it more than a dollar? **Tuesday 1**	Skip counting By 2: 7 __ __ __ By 2: 8 __ __ __ By 5: 5 __ __ __ By 5: 75__ __ __ _ By 10: 9__ __ __ _ **Wednesday 2**	83 + __ = 93 __ + 40 = 46 97 + __ = 100 3 more than 75 is _ 4 fewer than 64 is _ 36 + 2 + 8 =___ **Thursday 3**	Study the doubles and doubles plus one. **Friday 4**	It is 4 o'clock. What time will it be 5 hours from now? 3 hours from now? 4 hours from now? **Saturday 5**	
Create a pattern. Use triangles, squares, and circles. Create another pattern. Use numbers and/or letters. **7**	Make a tally chart. "Games We Like" 5 kids like tennis 12 kids like hide and seek 16 kids like tag **8**	How many days in a week? Name them. How many months in a year? Name them. What is today's dates? **9**	Draw ten blocks and one blocks to find: 75 + 23=__ 67–64=_ 6+23=_ Draw a picture to see which problem can't be solved: 4+5 4-5 5-4 **10**	Write the fact family for the following: 2+9=__ 8+8=__ 4+6=__ 7+3=__ **11**	Dennis has 7 coins. Yvette has 5 more coins than him. How many coins does Yvette have? How many coins do they have in all? **12**	**Incoming 1st Grade**
Ben had 16 apples. He ate 3 apples. How many apples does Ben have now? **14**	Study and review all the ways to make 10. Write them down. **15**	What number comes… After 67 Before 100 Before 40 **16**	__ and 6 is 8 in all 7 and 2 is __ in all 4 and __ is 9 in all 5 fewer than 45 is _ 4 more than 26 is _ **17**	Draw a clock. Show 10:30. What time will it be 5 minutes later? 20 minutes later? 10 min later? **18**	Review house 10 families. Write the fact family for each double fact, memorize. **19**	**Summer Home Work**
I have four circles. I have two fewer squares than circles. How many squares do I have? How many shapes in all? **21**	Draw a square and divide it into 4 equal parts. How many squares are there in all? **22**	If there are 4 triangles, 3 circles, and 5 stars in a box. Which shape is most likely to get picked? Less likely? **23**	Put these numbers in order from least to greatest: - 21, 82, 12, 22 - 99, 66, 69, 96 - 16, 61, 66, 60 **24**	Mary bought a dress for $40 and a bag for $60. How much more did the bag cost? How much did she pay? **25**	3 cars have ___ wheels together. 6 bicycles have ___ wheels in all. Do 3 cars have more wheels than 6 bicycles? **26**	**Problem of the day**
There are 9 boys and 20 men. How many more men are there? Solve: 45+23=__ 6+83=__ 45-23=__ 10+15=__ **28**	Write the number: - Twelve=__ - Eighty=__ - Fifteen=__ - Four=___ - Eleven=___ **29**	Ann had 12 apples and 37 bananas. How many more bananas were there than apples? How many total fruits? **30**				