Big Apple Academy
2021
Mathematics   Department

Summer Math Homework Package   Grade K → 1

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:

  http://www.amathsdictionaryforkids.com/MathsChartsPDFs/Operations.pdf
  https://dynamiclearningmaps.org/sites/default/files/documents/ERP/dlm_math_glossary.pdf

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 9, 2021 - the first school day.

Have a Great Summer!!

Big Apple Academy   **Mathematics   Department**

July K → 1 Monday	Tuesday	Wednesday	Thursday	June Fridays	June Saturday	Incoming 1st Grade
				Solid shape Cube Penny	Digit Number Nickel	
			Pentagon Hexagon **1**	**2**	**3**	
Circle Square Dime **5**	Rectangle Triangle Quarter **6**	Rhombus Side Dollar **7**	Pentagon Hexagon **8**	Angle Cone Vertex **9**	Addition Subtraction **10**	**Summer Home Work**
Pyramid Sphere **12**	Fewer than Cylinder **13**	More than Rectangular prism **14**	Behind In Front **15**	Tally marks Tally chart **16**	Equal Parts Double **17**	**Vocabulary**
Fraction Bar graph **19**	Thirds Half/Halves **20**	Fourths Fifths **21**	Second Eighths **22**	Congruent Minute **23**	Hour Day **24**	
Month Year **26**	One Block Ten Block **27**	Greater than Compare **28**	In all How Many More? **29**	Total Less Each **30**	All Together Take Away **31**	

July

K → 1

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
				Compare 34 __ 32 74__47 56__19 85__63 Write the numbers 34, 65, 32, 89, 68 in order from least to greatest . **Friday 2**	How many **sides** do a pentagon and a square have all together? How many fewer angles does a triangle have than a hexagon? **Saturday 3**	**Incoming 1st Grade**
Draw a circle, a square, and a rectangle. Draw lines to show halves. Draw the shapes again and show thirds. **5**	Nathan has 20 coins. He gives 10 coins away. How many coins does he have left? 5 dimes = ___ 4 nickels = ___ **6**	Make a bar graph. "Sports We Like" 5 kids like soccer 3 kids like tennis 4 kids like golf Soccer / Tennis / Golf 7 **(bar graph)**	Oliver saved 25 cents. Joe saved 15 cents less than Oliver. How much money did Joe save? How much more did Oliver save? **8**	Draw a square inside a triangle. Draw a pentagon next to a rectangle. Color ½ of the rectangle and 1/3 of the square. **9**	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___ **10**	**Summer Home Work**
A boy bought 2 pairs of shoes for $24 each. How much money did he spend? **12**	John has 21 cherries. Jill has 10 fewer than John. How many cherries does Jill have? **13**	Make a bar graph. "Foods we Like" 7 like chips 9 like tacos 3 like French fries **14**	There are 16 boys and 52 girls. How many children are there in all? Is it more than 100? **15**	How many **vertices** do 2 hexagons have together? 4 dogs have __legs, __tails, and __eyes. **16**	Skip counting By 2: 14 __ __ __ By 10: 7 __ __ __ By 5: 15 __ __ __ **17**	**Problem of the day**
What 2 coins make 20c? 6c? 15c? 10c? What 3 coins make 20c? 7c? 15c? 11c? What 4 coins = 21? **19**	The price of a toy boat is $15. Joey has $10. How much more money does he need? **20**	Draw ten blocks and one blocks to find each answer: 34+25=__ 78-34=_ 6+48=__ 36-34=__ **21**	Sam had 20 coins, he lost all his coins except one dime. How much money does he have? **22**	A circle is divided into 4 equal parts. Shade 3/4 of it. Shade 1/3 of another circle **23**	Draw a clock. Show half past 8. What time will be 5 minutes later ? **24**	
Fill in the blanks 78<__ 94>__ 45<_ 8= __tens, __ones 2 tens 8 ones = ___ **26**	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= __ **27**	Continue each pattern 6 5 4 3 __ __ 54 56 58 __ __ 347 346 345 ___ ab1cd3ef5_ _ _ _ _ 5iiii4iii3ii _ _ _ 13 24 35 __ __ __ 1 9 2 8 3 7 _ _ _ _ **28**	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=__ **29**	Alice has 4 coins. The coins make up 22 cents. What coins does she have? Remember the for house 10 (1+9,2+8,3+7,…), memorize it. **30**	Find the missing number. 63 + __ = 73 __ + 8 = 58 105 + __ = 110 2 more than 28 is _ 2 fewer than 52 is _ **31**	

August K → 1	Even Odd **Tuesday 3**	Time Altogether **Wednesday 4**	Pictograph Surface **Thursday 5**	Sum Doubles Doubles Plus 1 **Friday 6**	Fact family Pattern **Saturday 7**	**Incoming 1st Grade**
Length Height Width 9	Skip counting Least to Greatest 10	Number Digit Congruent 11	Earn Spend How much 12	Short Shorter Count on 13	Long Longer Count back 14	**Summer Home Work**
One First Last 16	Two Twelve Twenty Second 17	Three Third Thirteen Thirty 18	Four Fourth Fourteen Forty 19	Five Fifth Fifteen Fifty 20	O'clock Hour Hand Minute hand 21	**Vocabulary**
Sixteen Sixty Seventeen Seventy 23	Eight Eighteen Eighty 24	Nine Nineteen Ninety 25	Most Least Same 26	Equal Solid shape 27	Number line Zero 28	
Number chart Bar graph 30	Related Facts Match Addition Subtraction 31					

August K → 1 **Monday**	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 3**	Skip counting By 2: 7 __ __ __ By 2: 8 __ __ __ By 5: 5 __ __ __ By 5: 75__ __ __ By 10: 9__ __ __ __ **Wednesday 4**	83 + __ = 93 __ + 40 = 46 97 + __ = 100 3 more than 75 is _ 4 fewer than 64 is _ 36 + 2 + 8 =___ **Thursday 5**	Study the doubles and doubles plus one. **Friday 6**	It is 4 o'clock. What time will it be 5 hours from now? 3 hours from now? 4 hours from now? **Saturday 7**	
Create a pattern. Use triangles, squares, and circles. Create another pattern. Use numbers and/or letters. **9**	Make a tally chart. "Games We Like" 5 kids like tennis 12 kids like hide and seek 16 kids like tag **10**	How many days in a week? Name them. How many months in a year? Name them. What is today's dates? **11**	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 **12**	Write the fact family for the following: 2+9=__ 8+8=__ 4+6=__ 7+3=__ **13**	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? **14**	**Incoming 1st Grade**
Ben had 16 apples. He ate 3 apples. How many apples does Ben have now? **16**	Study and review all the ways to make 10. Write them down. **17**	What number comes… After 67 Before 100 Before 40 **18**	__ 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 _ **19**	Draw a clock. Show 10:30. What time will it be 5 minutes later? 20 minutes later? 10 min later? **20**	Review house 10 families. Write the fact family for each double fact, memorize. **21**	**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? **23**	Draw a square and divide it into 4 equal parts. How many squares are there in all? **24**	If there are 4 triangles, 3 circles, and 5 stars in a box. Which shape is most likely to get picked? Less likely? **25**	Put these numbers in order from least to greatest: - 21, 82, 12, 22 - 99, 66, 69, 96 - 16, 61, 66, 60 **26**	Mary bought a dress for $40 and a bag for $60. How much more did the bag cost? How much did she pay? **27**	3 cars have ___ wheels together. 6 bicycles have ___ wheels in all. Do 3 cars have more wheels than 6 bicycles? **28**	**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=__ **30**	Ann had 12 apples and 37 bananas. How many more bananas were there than apples? How many total fruits? **31**		**Create your own problem and solve it!** **Good luck!**			