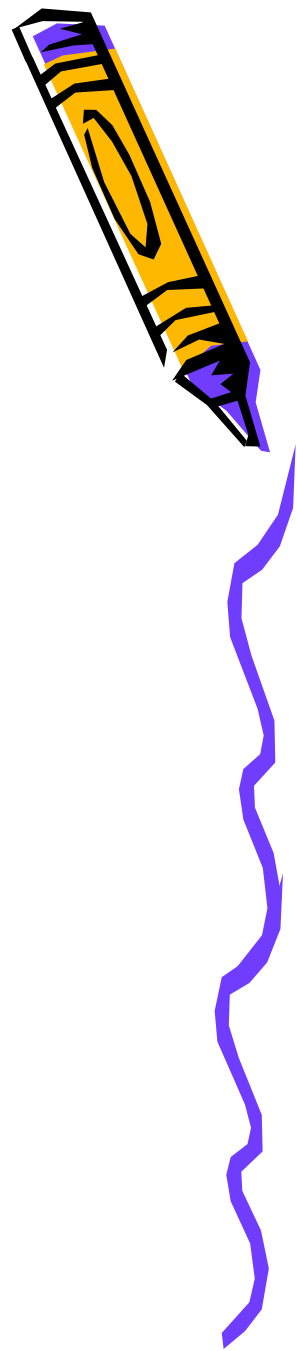
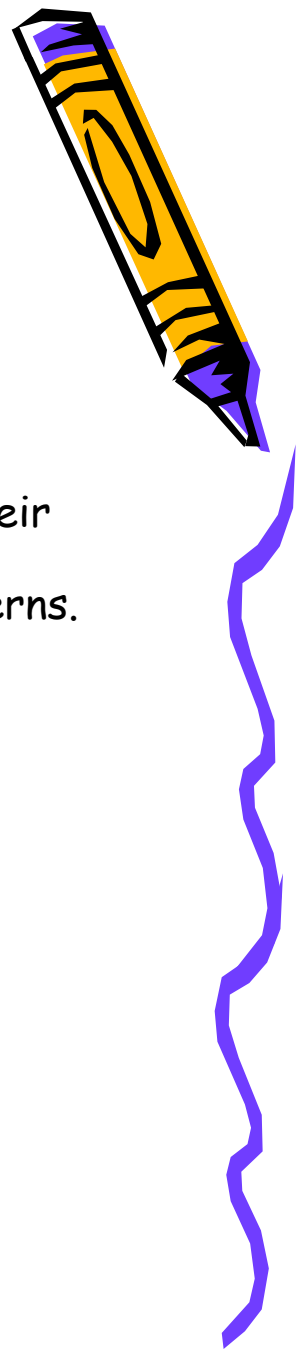


How to help at home - K



- Practice counting objects 1-30.
- Match a number symbol to the number of objects (** = 2).
- Count objects and sort them by size, shape, and color.
- Look at a group of objects and tell which has more, less or are they equal?
- Arrange number cards in order.
- Write numbers from 0-30.
- Describe something as first, second, third, fourth, or last.
- Play number games with cards, dice, or dominoes.
- Count pennies, nickels and dimes. Practice counting on from five and ten.
- Sing counting songs and chant number rhymes.
- Identify shapes - squares, circles, rectangles, and triangles.
- Play "I Spy".
- Describe things as small, medium and large.
- Sort objects and explain how they are similar or different.

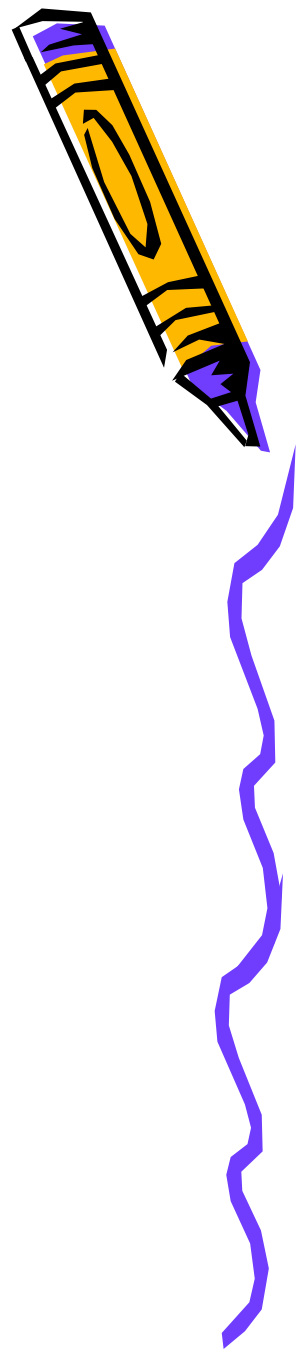




- Compare objects and tell which is short/tall, small/big, light/heavy.
- Use the vocabulary words to describe morning, noon and night and their appropriate activities.
- Create or extend a simple pattern. Clap, tap, sing, draw or find patterns.
- Add single digits to 10.
- Subtract single digits from 10.
- Play board games.
- Go to the library and read aloud.
- Cook in the kitchen and discuss measurement.
- Think out loud and explain your reasoning to solve problems.
- Reminder - Goals are for the end of the year.
- Keep trying and never give up!

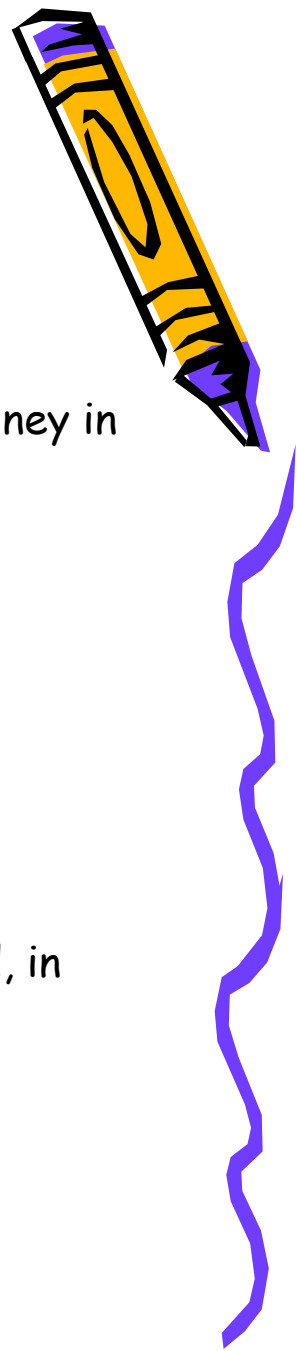


How to help at home - Gr. 1



- Practice counting forward and backward 1-100.
- Practice using =, <, and >.
- Compare and order 2 digit numbers to 100.
- Group numbers by tens and ones.
- Identify pennies, nickels, dimes and quarters.
- Count and add coins.
- Add numbers to 20.
- Subtract numbers from 20.
- Identify a number that is one more or one less than another number.
- Identify a number that is 10 more or 10 less than another number.
- Add and subtract numbers with one and two digits.
- Count by 2's, 5's and 10's.



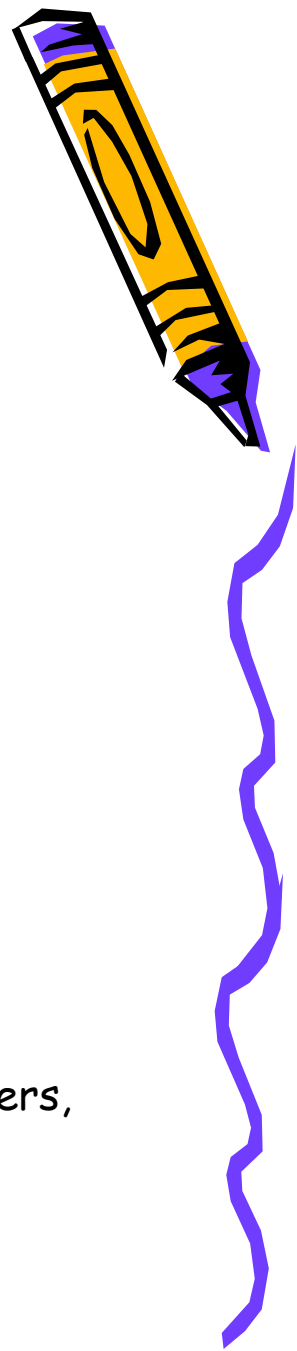


- Play with money at home. Keep a piggy bank and/or practice using money in real life situations (store, bank, ice cream truck).
- Practice math facts while walking home and in the car.
- Describe, extend and explain simple repeating patterns.
- Practice using number sentences to match a problem.
- Practice using +, -, and =.
- Identify squares, circles, triangles, cubes, spheres and cones.
- Sort objects by color, position, size and shape.
- Tell time by the hour and half hour.
- Understand position words - near, far, above, below, up, down, behind, in front of, next to, left and right.
- Measure objects at home with a ruler.
- Reminder - Goals are for the end of the year.

Keep trying and never give up!

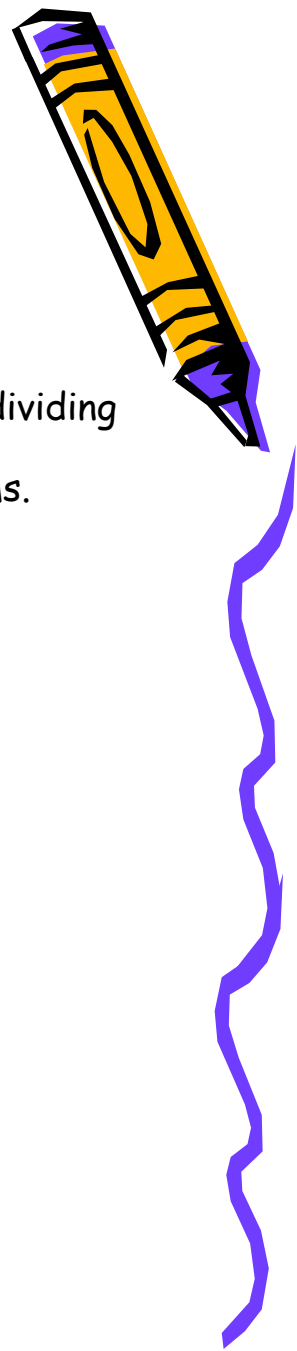


How to help at home - Gr. 2



- Read, write and count numbers 1-1000.
- Skip count forward and backward by 2's, 5's, and 10's.
- Practice adding two digit numbers without paper and pencil.
- Subtract two digit numbers without paper and pencil.
- Practice addition facts to 20 with automaticity.
- Practice subtraction facts to 20 with automaticity.
- Use =, <, and >.
- Compare and order 3 digit numbers to 1000.
- Describe the place value of numbers as ones, tens, or hundreds.
- Count, read and write the correct value of coins and bills.
- Look for geometric shapes at home and everyday surroundings.
- Describe how shapes are alike and different by discussing their corners, edges and vertices.

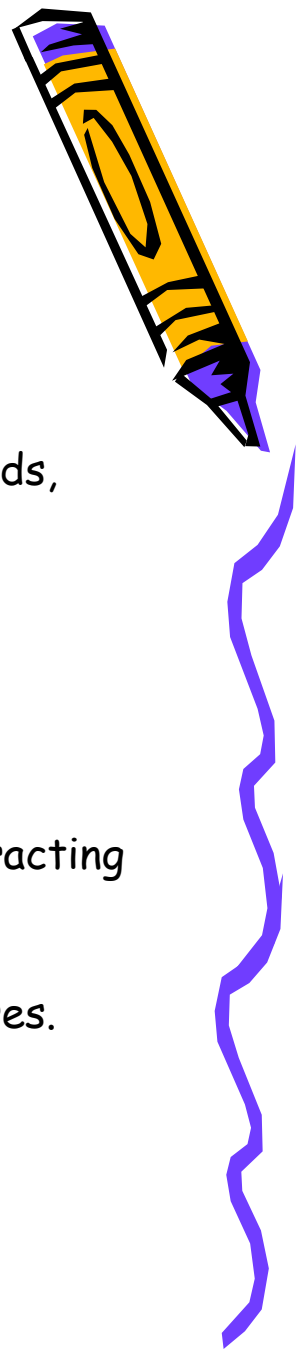




- Describe the names of fractions. Practice in the kitchen when cutting up and dividing food.
- Use pictures, repeated addition or skip counting to solve multiplication problems.
- Use pictures, repeated subtraction or equal sharing to solve division problems.
- Use number sentences to match a problem.
- Use puzzles to practice putting shapes together and apart.
- Measure objects with a ruler (inches and centimeters).
- Extend patterns and describe the rule.
- Tell time to the quarter hour and tell how much time has elapsed.
- Visit the math websites and play together.
- Follow recipes in the kitchen.
- Reminder - Goals are for the end of the year.
- Keep trying and never give up!



How to help at home - Gr. 3



- Count, read and write whole numbers to 10,000.
- Identify the place value for each digit to 10,000 - ones, tens, hundreds, thousands and ten thousands.
- Round off numbers to the nearest 10, 100, and 1000.
- Use expanded notation to represent numbers.
- Add and subtract whole numbers to 10,000.
- Know the multiplication tables 1-10 with automaticity.
- Add, subtract, multiply and divide money with decimal points.
- Figure out how much items costs by adding to get the total and subtracting to determine the amount left.
- Measure the length, weight and volume of objects.
- Use squares or cubes to determine the area and volume of solid figures.
- Find the perimeter of a polygon.





- Decide if something is certain, likely, unlikely, or impossible to occur.
- Use a bar graph or line plot to show data.
- Estimate to prove if an answer is reasonable.
- Use strategies from simple problems to solve more difficult problems.
- Explain math thinking in different ways.
- Use math vocabulary in discussions.
- Use an analog and digital clock to discuss time.
- Use real life opportunities to discuss money (shopping at the mall or grocery store).
- Reminder - Goals are for the end of the year.
- Keep trying and never give up!

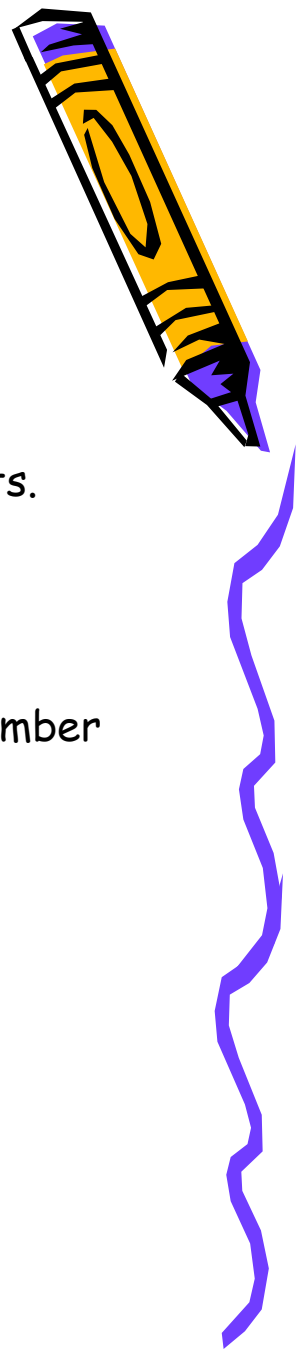


How to help at home - Gr. 4



- Read, write, estimate and round whole numbers to a million.
- Multiply using double digit numbers.
- Divide numbers using double digit divisors in long division problems.
- Add and subtract whole numbers to a million.
- Factor all numbers 1-50.
- Find all the prime numbers from 1-100.
- Read, write, estimate and round whole numbers to the thousandths place.
- Order and compare decimal numbers.
- Place decimal numbers on a number line.
- Add, subtract, multiply and divide decimal numbers.
- Read and write fractions.
- Understand that fractions can be a part of a whole or part of a set.

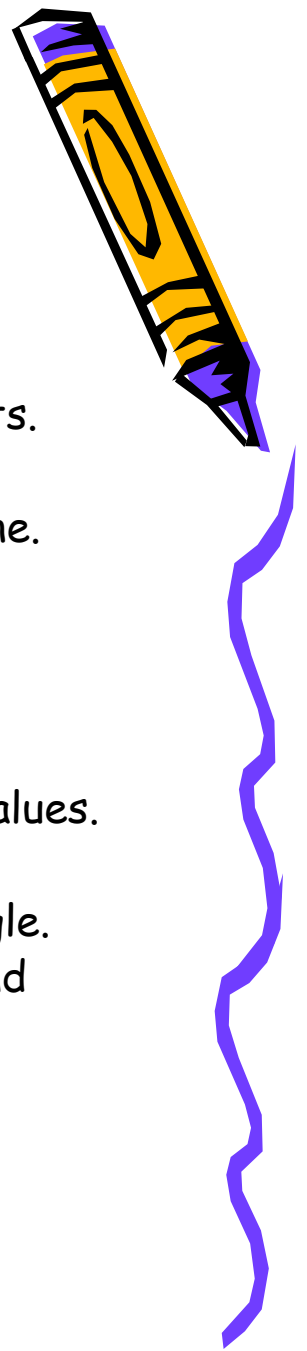




- Compare fractions and decimals using a money system.
- Understand the relationship between fractions, decimals and percents.
- Use formulas to determine area and perimeter.
- Plot points on a coordinate plane.
- Identify the different types of angles.
- Visualize, describe and represent geometric solids in terms of the number of faces, shapes, edges and vertices.
- Understand and use the concept of a variable.
- Apply the order of operations to evaluate numerical expressions.
- Explain math thinking in different ways.
- Reminder - goals are for the end of the year.
- Keep trying and never give up!

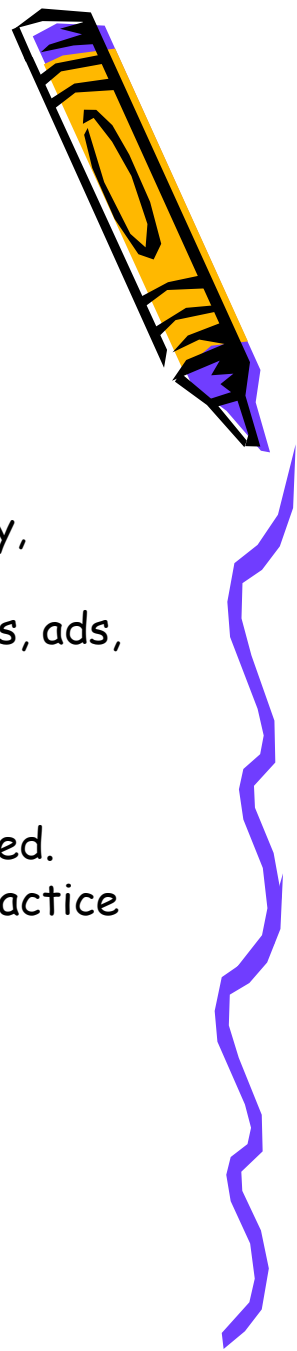


How to help at home - Gr. 5



- Understand the relationship between fractions, decimals and percents.
- Identify the prime factors for numbers 1-100.
- Identify and represent positive and negative numbers on a number line.
- Add, subtract, multiply and divide with decimals.
- Find the sum of like and unlike fractions and mixed numbers.
- Substitute given numbers for variables.
- Identify and graph ordered pairs of numbers in quadrants.
- Solve problems involving linear functions with positive and negative values.
- Understand volume and use appropriate units.
- Use the formula for the area of a triangle, parallelogram and rectangle.
- Measure, identify and draw angles, perpendicular and parallel lines and triangles.
- Know the sum of angles of a triangle and quadrilateral.





- Identify ordered pairs using four quadrants.
- Apply the order of operations to evaluate numerical expressions.
- Have your child maintain a budget at home (allowance, spending money, chores, etc).
- Find examples of real life decimals and percents - newspaper, coupons, ads, sales, sports.
- Build a toy model.
- Visit the math websites and play computer games.
- Practice mental math facts on the way to school or before going to bed.
- Read newspapers or magazines to review real life graphs and data. Practice determining the mean, median and mode.
- Reminder - goals are for the end of the year.
- Keep trying and never give up!

