													Le	SSC	n 1	3*
Word	pr	ob	ler	ns.	A	lgc	pritk	٦m	s. I	Ref	lec	ctio	n sy	'mr	net	ry
This bird likes to eat fish. What is the name of this bird?																
3 0 2 - <u>1 6 7</u>	+	528		-	13 97		7	04 37	+		4 1 <u>7 8</u>	602	819	67	516	135
N	(H)		0)	F	2	<u> </u>	E			<u>1</u>	1	1	<u> </u>
Write expressions corresponding to each word problem. There are 3 marbles in a red bag and 5 marbles in a green bag. How many marbles are in both bags? R																
There are w marbles in a red bag and 5 marbles in a green bag. How many marbles are in both bags? R }																
$ \begin{array}{c} & G & & \\ \hline \end{array} \\ \hline \bigg \\ \hline \end{array} \\ \hline \end{array} \\ \hline \end{array} \\ \hline \bigg \\ \\ \hline \bigg \\ \hline \bigg \\ \\ \hline \bigg \\ \\ \hline \bigg \\ \\ \hline \bigg \\ \hline \bigg \\ \\ \hline \bigg \\ \\ \hline \bigg \\ \hline \bigg \\ \\ \hline \bigg \\ \hline \\ \hline$																
There are many m					-			narbl	es in	a gre		G —— Dag. H R ——	ow			}
	G G J There are w marbles in a red bag. In the green bag, there are 5 marbles less than in the red bag. How many marbles are in both bags? R D															
Lesson #12	is a q	juiz ar	nd ga	mes c	and n	ot in 1	the b	ook			G					}

3 Little Joe picked 6 apples from the apple tree. Foxy Tail picked 9 apples from the apple tree. Which questions can you ask for this problem? How many apples did _____ How many more apples did _____ 4 Little Joe picked 12 green apples and 7 red ones. Foxy Tail picked 6 green apples and 4 more red apples than green. G R LJ Z 12 How many apples did Little Joe and Foxy Tail pick altogether? ? 6 + 46 FT \ G R What else could you ask? How many apples did _____ How many apples did _____ How many more _____ How many more _____ How many more _____ How many more _____ 5 Draw the face of a cube that you will not see if you turn the cube a) to the right b) backward c) forward

Algorithms and Programs

6 Write the order of operations in the expressions below.

12 - 4 + 712 - (4 + 7)(12 - 4) + 719 - 3 + 7 - 419 - (3 + 7) - 419 - 3 + (7 - 4)

By determining the order of operation, we are making a program or algorithm for evaluating the expression.



Many things could be made into algorithms, for example, recipes or trips. An algorithm is a list. It lists the steps you need to take to carry out a plan. It has to be in the correct order.

Make a "Get Ready for School" algorithm. 8 Which steps of the algorithm could be Eat breakfast switched? 1 Wake up ___ Get dressed Which steps could not be switched? ____ Brush hair Brush teeth What steps can be removed? ____ ____ Prepare backpack Make bed What other steps can be added? ____ Do morning exercises Say "Goodbye" Go to the school bus stop

Symmetry. Line of symmetry. Reflection symmetry.

The simplest symmetry is Reflection Symmetry (sometimes called *Line Symmetry* or *Mirror Symmetry*). It is easy to see, because one half is a reflection of the other half.

What happens when you fold this shape? Choose a fold line to find out.



When you fold a shape along a line of symmetry, one half fits exactly over the other.

If you put a mirror on this shape and looked at it from each side, what would you see? Choose a mirror line to find out.



When you put a mirror on a line of symmetry and look from either side, the shape looks like the original. So, this shape is **symmetrical**. It has **reflection symmetry**. It has **one** line of symmetry.

9 Some shapes have several lines of symmetry. How many lines of symmetry does each shape have?

