Math Reference Sheet

Key Words

Addition +	sum, total, plus, altogether, in all
Subtraction -	difference, fewer, minus, less, than, how many more
Multiplication ×	product, times, twice, total, each, multiply by
Division ÷	quotient, goes into, split equally, each

Place Value

Millions				Thousands				Ones		
Hundred Millions	Ten Millions	Millions		Hundred Thousands	Ten Thousands	Thousands		Hundreds	Tens	Ones
7	8	9	,	1	2	3	,	4	5	6

Multiplication

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Comparing

>	more than
<	less than
=	equal to

Time

	___ o'clock
	fifteen after ____ quarter after ____
	_____ thirty half past _____
	fifteen 'til _____ quarter 'til _____

Money

Picture	Name	Value	
	Penny	$0.01	1¢
	Nickel	$0.05	5¢
	Dime	$0.10	10¢
	Half Dollar	$0.50	50¢
	One Dollar	$1.00	$1.00

Fractions

1							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$