

RICAS Grade 4 Approved Supplemental Mathematics Reference Sheet*

 Calculate and solve See if my answer makes sense Circle my answer Multiplication or Division Addition or Subtraction Addition or Subtraction Symbols Area (A) of Rectangle A = l × w (l = length; w = width) Perimeter of Rectangle: P = l + l + w + w Area (A) Model l Area (A) Model Regulation Perimeter (P) Exponents Multiplication or Division Addition or Subtraction is greater than is less than is equal to 	Order of Operations					
Area (A) of Rectangle $A = l \times w$ $(l = length; w = width)$ > is greater than < is less than = is equal to Area (A) Model l $A \qquad w$ Perimeter (P) $P = distance \ around$ Number Line	PEMDAS • Parentheses (brackets, etc.)					
Perimeter of Rectangle: $P = l + l + w + w$ Area (A) Model A w						
< 1 1 1 1 1 1 1 1 1	< is less than					
Hundreds Chart Divisibility Ru						
Hundreds Chart Divisibility Ru	→					
	les					
1 2 3 4 5 6 7 8 9 10						
11 12 13 14 15 16 17 18 19 20 2 If the last digit is even						
21 22 23 24 25 26 27 28 29 30 3 If the sum of the digits ca	n he divided hv					

											<u> </u>
1	2	3	4	5	6	7	8	9	10		
11	12	13	14	15	16	17	18	19	20	2	If the last digit is even
21	22	23	24	25	26	27	28	29	30	3	If the sum of the digits can be divided by 3
31	32	33	34	35	36	37	38	39	40	-	If the last digit is 0 or 5
l										5	If the last digit is 0 of 3
41	42	43	44	45	46	47	48	49	50	6	If the number is divisible by both 2 and 3
51	52	53	54	55	56	57	58	59	60		If the sum of the digits can be divided by
61	62	63	64	65	66	67	68	69	70	9	If the sum of the digits can be divided by 9
71	72	73	74	75	76	77	78	79	80	10	If the last digit is 0
81	82	83	84	85	86	87	88	89	90		
91	92	93	94	95	96	97	98	99	100		



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Place Value								
			Deci	mals				
Hundred-	Ten-	Thousands	Hundreds	Tens	Ones		Tenths	Hundredths
thousands	thousands							
<u> </u>								

Conversions

1 year = 365 days 1 day = 24 hours 1 hour = 60 minutes 1 minute = 60 seconds 1 pound = 16 ounces 1 foot = 12 inches 1 yard = 3 feet 1 kilometer (km) = 1000 meters (m) 1 meter (m) = 100 centimeters (cm) 1 meter (m) = 1000 millimeters (mm) 1 kilogram (kg) = 1000 grams (g) 1 liter (L) = 1000 milliliters (mL)

Multiplication Table (Do NOT complete this table for the student.)

X	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												



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Fractions									
Add or Subtract – need like denominators									
Fraction Bars (Do NOT complete this table for the student.)									