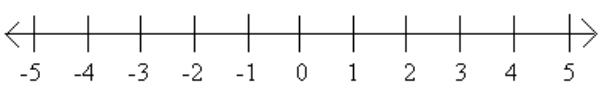
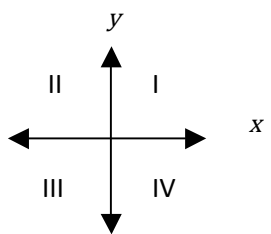


Approved Supplemental Mathematics Reference Sheet Grade 6

(For use by students on the MCAS Mathematics test who have this accommodation)

General Problem Solving Strategies							Symbols																																																																																																							
<ul style="list-style-type: none"> Reread question for clarity Draw a picture Make a table Circle or highlight key terms Calculate and solve See if my answer makes sense Circle my answer 							$>$ is greater than $<$ is less than $=$ is equal to $ $ absolute value																																																																																																							
Place Value							Divisibility Rules																																																																																																							
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="6">Whole Numbers</th> <th colspan="3">Decimals</th> </tr> <tr> <th>Ht</th><th>Tt</th><th>Th</th><th>H</th><th>T</th><th>O</th><th>.</th><th>T</th><th>H</th><th>Th</th> </tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </tbody> </table>							Whole Numbers						Decimals			Ht	Tt	Th	H	T	O	.	T	H	Th											<table border="1" style="width: 100%;"> <tbody> <tr> <td style="width: 10%; text-align: center;">2</td> <td>If the last digit is even</td> </tr> <tr> <td style="text-align: center;">3</td> <td>If the sum of the digits can be divided by 3</td> </tr> <tr> <td style="text-align: center;">5</td> <td>If the last digit is 0 or 5</td> </tr> <tr> <td style="text-align: center;">6</td> <td>If the number is divisible by both 2 and 3</td> </tr> <tr> <td style="text-align: center;">9</td> <td>If the sum of the digits can be divided by 9</td> </tr> <tr> <td style="text-align: center;">10</td> <td>If the last digit is 0</td> </tr> </tbody> </table>				2	If the last digit is even	3	If the sum of the digits can be divided by 3	5	If the last digit is 0 or 5	6	If the number is divisible by both 2 and 3	9	If the sum of the digits can be divided by 9	10	If the last digit is 0																																																											
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1	2	3	4	5	6	7	8	9	10																																																																																																					
11	12	13	14	15	16	17	18	19	20																																																																																																					
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Perimeter (P)																																																																																																														
Perimeter = <i>distance around</i>																																																																																																														

Devices					Percentages and Proportions					
PEMDAS					<ul style="list-style-type: none"> $\frac{\text{is}}{\text{of}} = \frac{\%}{100}$ if $\frac{a}{b} = \frac{c}{d}$, then $ad = bc$ 					
Statistics					Coordinate Plane					
<ul style="list-style-type: none"> me<u>A</u>n <u>M</u>ode me<u>D</u>ian <u>R</u>ang<u>E</u> 										
Properties					Fractions					
<ul style="list-style-type: none"> $a(b + c) = ab + ac$ $a + (b + c) = (a + b) + c$ $a \cdot (b \cdot c) = (a \cdot b) \cdot c$ $a \cdot b = b \cdot a$ $a + b = b + a$ 					<ul style="list-style-type: none"> $\frac{a}{b} + \frac{c}{d} = \frac{ad+bc}{bd}$ $\frac{a}{b} - \frac{c}{d} = \frac{ad-bc}{bd}$ $\frac{a}{b} \cdot \frac{c}{d} = \frac{ac}{bd}$ $\frac{a}{b} \div \frac{c}{d} = \frac{ad}{bc}$ 					
Multiplication Table										
X	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										