

Algebra 2
Mid-Chapter Quiz p26

Name _____ KEY _____

1. -3	2. 40 m																																								
3. -28	4. $73.54 u^2$																																								
5. B	<table border="1"> <thead> <tr> <th></th> <th>#</th> <th>N</th> <th>W</th> <th>Z</th> <th>Q</th> <th>I</th> <th>R</th> </tr> </thead> <tbody> <tr> <td>6.</td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>7.</td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>8.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> </tr> <tr> <td>9.</td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> </tbody> </table>		#	N	W	Z	Q	I	R	6.					x		x	7.				x	x		x	8.						x	x	9.					x		x
	#	N	W	Z	Q	I	R																																		
6.					x		x																																		
7.				x	x		x																																		
8.						x	x																																		
9.					x		x																																		
10. Distributive Property	11. $-27a + 14b$																																								
12. $3(10.50 + 26.50)$ $3(10.50) + 3(26.50)$	13. F																																								
14. Additive Inverse: $-\frac{7}{6}$ Multiplicative Inverse: $\frac{6}{7}$																																									
15. Example: The quotient of a number a and the difference of a number a and three is equal to one.																																									
16. $x = -\frac{2}{3}y - \frac{1}{6}$	17. B																																								
18. $-\frac{7}{2}$	19. 7.5 units																																								
20. (a) Volume = $\frac{32}{3}\pi \text{ in}^3$ Surface Area = $16\pi \text{ in}^2$	20. (b) Yes, when the radius is 3 units.																																								