4.1 E	XERCISE	ES	HOMEWORK KEY	Solution </th <th>OUT SOLUTIONS for Exs. 15, 25, and 37 CTICE AND REASONING . 41, 42, and 43 REPRESENTATIONS</th>	OUT SOLUTIONS for Exs. 15, 25, and 37 CTICE AND REASONING . 41, 42, and 43 REPRESENTATIONS
Sk	KILL PRACTICE				
	1. VOCABULARY What is the <i>x</i> -coordinate of the point (5, −3)? What is the <i>y</i> -coordinate?				
	2. WRITING One of the coordinates of a point is negative while the other is positive. Can you determine the quadrant in which the point lies? <i>Explain</i> .				
EXAMPLE 1 on p. 206 for Exs. 3–13	NAMING POINTS Give the coordinates of the point.				
	3. A	4. <i>B</i>	G	↑ y C	
	5. <i>C</i>	6. D	D		
	7. <i>E</i>	8. <i>F</i>		K.	
	9. <i>G</i>	10. <i>H</i>	<	1 F	->
	11. <i>J</i>	12. K	J H	B E	
	13. TAKS REASONING A point is located 3 units to the left of the origin and 6 units up. What are the coordinates of the point?				
	(3, 6)	B (-3, 6) (C) (6, 3)	D (6, -3)
EXAMPLE 2 on p. 207 for Exs. 14–22	PLOTTING POINTS Plot the point in a coordinate plane. <i>Describe</i> the location of the point.				
	14. <i>P</i> (5, 5)	(15) $Q(-1, 5)$	16	R(-3, 0)	17. <i>S</i> (0, 0)
	18. <i>T</i> (-3, -4)	19. U(0, 6)	20	• V(1.5, 4)	21. <i>W</i> (3, -2.5)
	22. ERROR ANALYSIS <i>Describe</i> and correct the error in describing the location of the point $W(6, -6)$.			Point W(6, -6) is to the left of the 6 units up.	pint W(6, -6) is 6 units o the left of the origin and o units up.
EXAMPLE 3 on p. 207 for Exs. 23–27	 23. ↓ TAKS REASONING Which num in the range of the function whos graph is shown? ▲ -2 ▲ -2 ▲ -1 ▲ 0 ▲ 2 		umber is ose	y 1	
					x