

Name \_\_\_\_\_



Date \_\_\_\_\_

## Relations and Functions

State the domain and range for each. Is the relation a function?

1. $\{(-2, 4), (-5, -5), (9, -5), (7, -5), (-3, -5)\}$	2. $\{(-1, -2), (7, -2), (8, 5)\}$	3. $\{(-1, -7), (6, -2), (-5, -7), (-2, -7), (0, -2), (9, -7)\}$
4. $\{(-5, -1), (-6, -3), (6, -8), (4, 3), (-4, -8)\}$	5. $\{(-60.69, 75.12), (-60.69, 75.12), (-26.12, -84.07), (27.84, -33.15)\}$	6. $\{(42, 140), (24, -124), (-34, -175)\}$
7. $\{(182, 185), (49, -174), (193, -214), (186, -214), (-57, 155)\}$	8. $\{(46.7, -145.1), (153.5, 151.9), (168.4, -173.8), (101.8, 185.9), (98.9, -182.9)\}$	9. $\{(96.46, 159.9), (-0.85, -186.87), (-19.19, -186.87), (9.71, 178.77)\}$
10. $\{(-7, -187), (114, -163), (-7, -163)\}$	11. $\{(96, 150), (47, -139), (-41, 164)\}$	12. $\{(91, -109), (86, -123), (149, -133), (87, -123)\}$
13. $\{(138, 186), (108, -153), (-33, -164)\}$	14. $\{(55, 162), (71, 171), (-73, 136), (104, 170), (-63, 136), (75, 170)\}$	15. $\{(77, -114), (-18, -101), (66, -101), (-41, 109)\}$

Enter answers  
in text boxes.