

Name \_\_\_\_\_



Date \_\_\_\_\_

## Relations and Functions

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

1. $\{(-6, -3), (8, 8), (-8, -7)\}$	2. $\{(-1, -3), (9, -3), (1, 9), (-5, -4), (-2, -4)\}$	3. $\{(0, 1), (8, -5), (1, 9)\}$
4. $\{(8, 3), (3, -7), (4, -5), (-2, -7), (6, -3), (2, -5)\}$	5. $\{(-14, -109), (-31, 110), (-40, -109), (-55, -83)\}$	6. $\{(-3, 151), (131, 150), (27, -136)\}$
7. $\{(36, 126), (36, -131), (115, 123), (115, -131)\}$	8. $\{(-34, -169), (-42, -129), (119, -136)\}$	9. $\{(5, -51), (-19, -79), (-51, 44), (16, -79), (-17, -82)\}$
10. $\{(105.4, 87.3), (92.4, 87.3), (-37.1, 100.5), (80.8, -67.7)\}$	11. $\{(46.4, -123.5), (174.3, 148.4), (75.1, 148.4), (113.2, 142.1), (169.7, 142.1), (174.3, 146.1)\}$	12. $\{(99, -70), (49, -38), (42, 53), (81, -38), (-21, 79)\}$
13. $\{(31, -157), (49, -127), (26, 140), (85, -127), (53, -127), (128, -132)\}$	14. $\{(-33, -35), (-26, 54), (4, -35), (17, 54), (-24, 54)\}$	15. $\{(77, 144), (-45, -140), (22, -140), (103, 153), (-7, -154)\}$