

Name _____



Date _____

Linear Relations and Functions

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

1. $\{(8, -9), (3, -4), (-1, -9)\}$	2. $\{(-2, 9), (4, 9), (2, -9)\}$	3. $\{(6.7, 1.3), (-3.6, -6.6), (-7.4, -8.1), (-1.7, -6.6)\}$
4. $\{(2, -7), (-4, 1), (2, -8), (-4, 8), (-4, -3)\}$	5. $\{(-35, -90), (19, -40), (-28, 88)\}$	6. $\{(-6, 51), (-14, -12), (10, 61)\}$
7. $\{(35, -128), (-53, -143), (-23, -128), (105, -128)\}$	8. $\{(24, 90), (-61, -60), (-33, -60), (23, -61), (18, -60), (-49, 90)\}$	9. $\{(92.6, 197.3), (92.6, 197.3), (32.2, 197.3)\}$
10. $\{(-7, -73), (91, 69), (-74, -85), (123, 120), (64, -85)\}$	11. $\{(21, 116), (78, 118), (-67, 87), (97, -65)\}$	12. $\{(-71, -161), (115, -107), (115, -107), (110, -111)\}$
13. $\{(-31, 112), (20, -137), (-67, -137), (24, -152)\}$	14. $\{(97, -163), (118, -138), (130, 158), (-16, 145), (48, -151)\}$	15. $\{(-2, 159), (154, 161), (-31, -132), (131, -149)\}$