

Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 5F – Molar Mass Conversions (*Part 1*)

20 Points

For the following use the given molar mass to perform the following conversions

Molar Mass A (*Conversion*): 1mol A (*mol*) = Mass A (*g*)

Remember to show both *units* and *labels* for each part of the conversion process!

| Convert 48.2g Na to mol Na | |
|----------------------------|-------|
| Molar Mass Na | g/mol |
| | |
| | |
| mol Na | |

| Convert 3.29mol Pb to mass Pb | |
|-------------------------------|-------|
| Molar Mass Pb | g/mol |
| | |
| | |
| mass Pb | |

| Convert 329.58g Ag to mol Ag | |
|------------------------------|-------|
| Molar Mass Ag | g/mol |
| | |
| | |
| mol Ag | |

| Convert 0.83mol Cr to mass Cr | |
|-------------------------------|-------|
| Molar Mass Cr | g/mol |
| | |
| | |
| mass Cr | |

| Convert 25.4g Sr to mol Sr | |
|----------------------------|-------|
| Molar Mass Sr | g/mol |
| | |
| | |
| mol Sr | |

| Convert 1.81mol Br to mass Br | |
|-------------------------------|-------|
| Molar Mass Br | g/mol |
| | |
| | |
| mass Br | |