

Name\_\_\_\_\_

- 1) How many moles are in 376 grams of  $\text{NH}_4\text{Cl}$ ?
- 2) How many grams are in 8.54 moles of  $\text{Cu}(\text{NO}_3)_2$ ?
- 3) How many moles are in 1550 grams of  $\text{AgNO}_3$ ?
- 4) How many moles are in 1080 grams of  $\text{Li}_2\text{SO}_4$ ?
- 5) How many grams are in 7.47 moles of  $\text{Na}_2\text{CO}_3$ ?
- 6) How many grams are in 8.64 moles of  $\text{LiNO}_3$ ?
- 7) How many moles are in 1110 grams of  $\text{CaCl}_2$ ?
- 8) How many grams are in 2.28 moles of  $\text{C}_{12}\text{H}_{22}\text{O}_{11}$ ?
- 9) How many grams are in 5.25 moles of  $\text{FeCl}_2$ ?
- 10) How many moles are in 377 grams of  $\text{NaCl}$ ?

## Answer Sheet

1) How many moles are in 376 grams of  $\text{NH}_4\text{Cl}$ ?

7.03 moles

2) How many grams are in 8.54 moles of  $\text{Cu}(\text{NO}_3)_2$ ?

1600 grams

3) How many moles are in 1550 grams of  $\text{AgNO}_3$ ?

9.12 moles

4) How many moles are in 1080 grams of  $\text{Li}_2\text{SO}_4$ ?

9.82 moles

5) How many grams are in 7.47 moles of  $\text{Na}_2\text{CO}_3$ ?

792 grams

6) How many grams are in 8.64 moles of  $\text{LiNO}_3$ ?

596 grams

7) How many moles are in 1110 grams of  $\text{CaCl}_2$ ?

10.0 moles

8) How many grams are in 2.28 moles of  $\text{C}_{12}\text{H}_{22}\text{O}_{11}$ ?

780 grams

9) How many grams are in 5.25 moles of  $\text{FeCl}_2$ ?

665 grams

10) How many moles are in 377 grams of  $\text{NaCl}$ ?

6.45 moles