

Name_____

- 1) How many moles are in 361 grams of LiNO_3 ?
- 2) How many moles are in 852 grams of CaCl_2 ?
- 3) How many moles are in 491 grams of $\text{Cu}(\text{NO}_3)_2$?
- 4) How many moles are in 671 grams of AgNO_3 ?
- 5) How many moles are in 319 grams of NaOH ?
- 6) How many moles are in 296 grams of NaCl ?
- 7) How many moles are in 362 grams of HCl ?
- 8) How many moles are in 330. grams of KF ?
- 9) How many moles are in 2710 grams of $\text{C}_{12}\text{H}_{22}\text{O}_{11}$?
- 10) How many moles are in 401 grams of NH_4Cl ?

Answer Sheet

1) How many moles are in 361 grams of LiNO_3 ?

5.24 moles

2) How many moles are in 852 grams of CaCl_2 ?

7.68 moles

3) How many moles are in 491 grams of $\text{Cu}(\text{NO}_3)_2$?

2.62 moles

4) How many moles are in 671 grams of AgNO_3 ?

3.95 moles

5) How many moles are in 319 grams of NaOH ?

7.98 moles

6) How many moles are in 296 grams of NaCl ?

5.06 moles

7) How many moles are in 362 grams of HCl ?

9.93 moles

8) How many moles are in 330. grams of KF ?

5.68 moles

9) How many moles are in 2710 grams of $\text{C}_{12}\text{H}_{22}\text{O}_{11}$?

7.92 moles

10) How many moles are in 401 grams of NH_4Cl ?

7.50 moles