

Name _____

1) How many moles are in 743 grams of $\text{Cu}(\text{NO}_3)_2$?

2) How many moles are in 965 grams of Li_2SO_4 ?

3) How many moles are in 325 grams of $(\text{NH}_4)_2\text{SO}_4$?

4) How many moles are in 567 grams of LiNO_3 ?

5) How many moles are in 1370 grams of AgNO_3 ?

6) How many moles are in 251 grams of NaCl ?

7) How many moles are in 330. grams of NH_4Cl ?

8) How many moles are in 692 grams of FeCl_2 ?

Answer Sheet

1) How many moles are in 743 grams of $\text{Cu}(\text{NO}_3)_2$?

3.96 moles

2) How many moles are in 965 grams of Li_2SO_4 ?

8.78 moles

3) How many moles are in 325 grams of $(\text{NH}_4)_2\text{SO}_4$?

2.46 moles

4) How many moles are in 567 grams of LiNO_3 ?

8.22 moles

5) How many moles are in 1370 grams of AgNO_3 ?

8.06 moles

6) How many moles are in 251 grams of NaCl ?

4.29 moles

7) How many moles are in 330. grams of NH_4Cl ?

6.17 moles

8) How many moles are in 692 grams of FeCl_2 ?

5.46 moles