

Name_____

- 1) How many moles are in 500. grams of $C_{12}H_{22}O_{11}$?
- 2) How many moles are in 589 grams of $CaCl_2$?
- 3) How many moles are in 1190 grams of $Cu(NO_3)_2$?
- 4) How many moles are in 188 grams of $(NH_4)_2SO_4$?
- 5) How many moles are in 162 grams of $FeCl_2$?
- 6) How many grams are in 1.03 moles of KF ?
- 7) How many moles are in 187 grams of $NaCl$?
- 8) How many moles are in 142 grams of $NaOH$?
- 9) How many moles are in 789 grams of K_2SO_4 ?
- 10) How many moles are in 890. grams of Na_2CO_3 ?

Answer Sheet

1) How many moles are in 500. grams of $\text{C}_{12}\text{H}_{22}\text{O}_{11}$?

1.46 moles

2) How many moles are in 589 grams of CaCl_2 ?

5.31 moles

3) How many moles are in 1190 grams of $\text{Cu}(\text{NO}_3)_2$?

6.34 moles

4) How many moles are in 188 grams of $(\text{NH}_4)_2\text{SO}_4$?

1.42 moles

5) How many moles are in 162 grams of FeCl_2 ?

1.28 moles

6) How many grams are in 1.03 moles of KF ?

59.8 grams

7) How many moles are in 187 grams of NaCl ?

3.20 moles

8) How many moles are in 142 grams of NaOH ?

3.55 moles

9) How many moles are in 789 grams of K_2SO_4 ?

4.53 moles

10) How many moles are in 890. grams of Na_2CO_3 ?

8.40 moles