

Solubility Tournament: Mass to Molarity

Name: _____ Period: _____

11.25 g KOH in 550 mL

Greater concentration

Name of Winner

250 mL of .25 M of winner

4.5 g of LiCl in 525 mL

6.50 g of KNO_3 in 225 mL

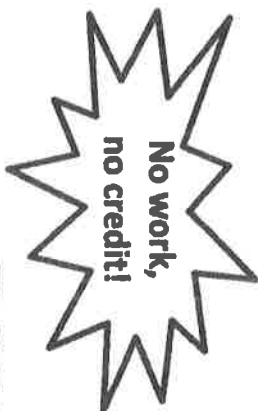
Greater concentration

Name of Winner

225 mL of .50 M of winner

Larger mass

Name of Winner



3.25 g AgNO_3 in 500.0 mL

5.52 g of NH_4NO_3 in 500 mL

Greater concentration

Name of Winner

1200 mL of .25 M of winner

Largest formula weight

Name of Winner



18.0 g of BaCl_2 in 450 mL

8.45 g of FeCl_3 in 1.2 L

Greater concentration

Name of Winner

750 mL of .505 M of winner

Larger moles

6.45 g of $\text{Mg}(\text{NO}_3)_2$ in 1.4 L