CHEMISTRY SINGLE REPLACEMENT REACTION WORKSHEET

ANSWER KEY

1. Ag +
$$KNO_3 \rightarrow NR$$

2.
$$Zn + 2AgNO_3 \rightarrow 2Ag + Zn(NO_3)_2$$

3.
$$2AI + 3H_2SO_4 \rightarrow 3H_2 + AI_2(SO_4)_3$$

4.
$$Cl_2 + 2 KI \rightarrow I_2 + 2KCI$$

5.
$$2Li + 2HOH \rightarrow H_2 + 2LiOH$$

6. Cu + FeSO₄
$$\rightarrow$$
 NR

7.
$$2Na + 2HOH \rightarrow H_2 + 2NaOH$$

8. Fe + Pb(NO₃)₂
$$\rightarrow$$
 Pb + Fe(NO₃)₂

9. Cu +
$$H_2O \rightarrow NR$$

10. Cu + Al₂(SO₄)
$$\rightarrow$$
 NR

11.
$$2AI + 3Pb(NO_3)_2 \rightarrow 3Pb + 2AI(NO_3)_3$$

12.
$$Cl_2 + 2NaI \rightarrow I_2 + 2NaCI$$

13. Fe +
$$2AgCH_3COO \rightarrow 2Ag + Fe(CH_3COO)_2$$

14.
$$2AI + 3CuCl_2 \rightarrow 3Cu + 2AICl_3$$

15.
$$Br_2 + CaI_2 \rightarrow I_2 + CaBr_2$$

16. 2AI + 6HCI →
$$3H_2 + 2AICI_3$$

17. Mg + 2HCl
$$\rightarrow$$
 H₂ + MgCl₂

18.
$$Zn + H_2SO_4 \rightarrow H_2 + ZnSO_4$$

20.
$$Cl_2 + MgI_2 \rightarrow I_2 + MgCl_2$$