

Worksheet 4b.6b – Double Replacement Predictions

5. Potassium sulfite is reacted with hydrobromic acid.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

6. Potassium sulfide is reacted with nitric acid.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

7. Ammonium iodide is mixed with magnesium sulfate.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

8. Solid titanium (IV) carbonate is added to hydrochloric acid.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

9. Solid calcium sulfite is mixed with acetic acid.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

10. Strontium hydroxide is added to ammonium sulfide.

Overall Equation:

~~Ionic Equation:~~

Net-Ionic Equation:

Worksheet 4b.8 – Mixed Predictions

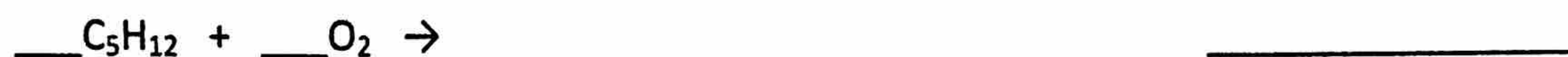
NAME _____

Use the General Cases to predict the products of each reaction. Balance each equation when done. Identify each reaction type in the blank at the right.

General Case:

Synthesis:	$A + B \rightarrow AB$
Decomposition:	$AB \rightarrow A + B$
Single Replacement:	$AX + B \rightarrow BX + A$
Double Replacement:	$AX + BY \rightarrow BX + AY$
Combustion:	$C_xH_y + O_2 \rightarrow CO_2 + H_2O$

REACTION:



Worksheet 4b.9 – Mixed Predictions

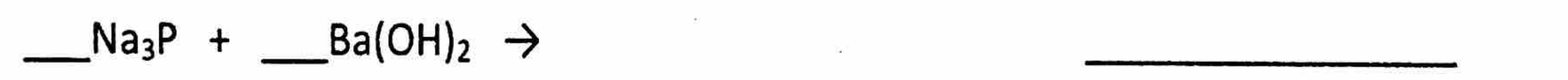
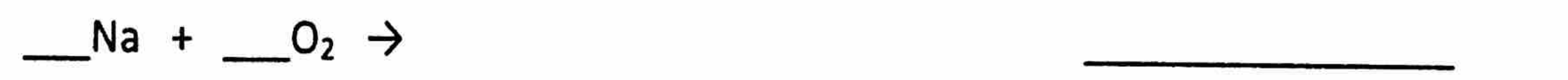
NAME _____

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REACTION:

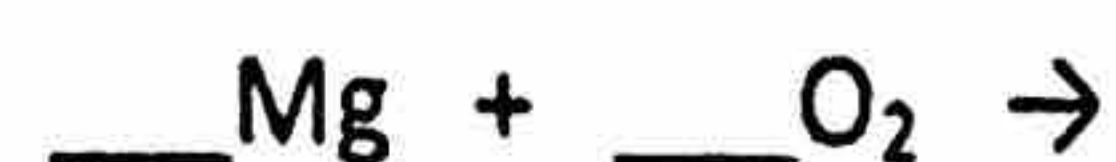


Worksheet 4b.10 – Mixed Predictions

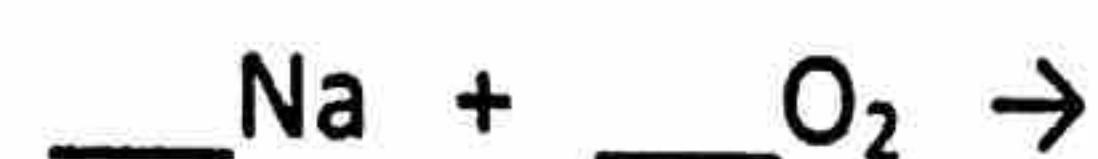
NAME _____

Predict the products of each reaction. Balance each equation when done. Identify each reaction type in the blank at the right.

REACTION:















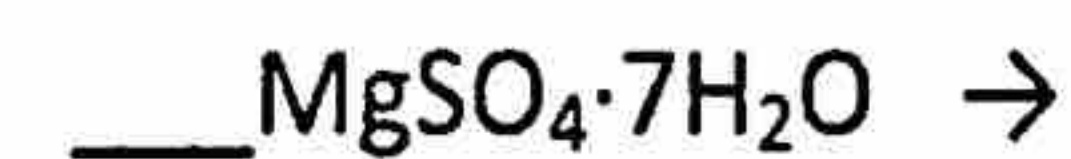












Worksheet 4b.11 – Mixed Predictions

NAME _____

Predict the products of each reaction. Balance each equation when done. Identify each reaction type in the blank at the right.

REACTION:

