

Single and Double Replacement Reactions Story: Rindercella:

Once upon a time, in a coreign fountry, there lived a very geautifu lbirl; her name was Rindercella. Now, Rindercella lived with her mugly other and her two sad bisters. In this same coreign fountry ,there was a very prandsom hince.

This prandsom hince was going to have a bancy fall. He'd invited people from riles amound, especially the pich reople. Rindercella's mugly other and her two sad blisters went out to buy some drancy fesses to wear to this bancy fall, but Rindercella couldn't go because all she had to wear were some old rirty dags. Finally, the night of the bancy fall arrived and Rindercella couldn't go. So she just cat down and scried. She was a kitten there a scrien, when all at once there appeard before her, her gairy modfather. He touched her with his wagic mand, and there appeared before her, a cig boach and hix white sorces to take her to the bancy fall. But now, he said to Rindercella, "You must be home before nidnight, or I'll purn you into a tumpkin!"

When Rindercella arrived at the bancy fall, the prandsom hince met her at the door because he had been watchin' behind a woden hindow. Rindercella and the prandsom hince nanced all dight until nidnight... and they lell in fove. Finally, the mid clock strucknight. Rindercella staced down the rairs. Just as she beached the rottom, she slopped her dripper!

The next day, the prandsom hince went all over the coreign fountry looking for the geautiful birl who had slopped her dripper. Finally he came to Rindercella's house. He tried it on Rindercella's mugly other, and it fidn't dit. Then he tried it on her two sigly usters, and it fidn't dit. Then he tried it on Rindercella, and it fid dit! It was exactly the sight rize!

So they were married and lived heverly after hapwards. The storl of the mory is this: If you ever go to a bancy fall and want to have a prandsom hince loll in fove with you, don't forget to slop your dripper!

Identify the equations below and/or predict the products.

You do NOT need to balancing the equations this time.

#	Type	Reaction
1		$\text{HgO} \rightarrow \text{Hg} + \text{O}_2$
2		$\text{NaCl} + \text{AgNO}_3 \rightarrow$
3		$\text{Mg} + \text{HCl} \rightarrow$
4		$\text{Zn} + \text{H}_2\text{SO}_4 \rightarrow$
5		$\text{NaOH} + \text{HCl} \rightarrow$
6		$\text{CH}_4 + \text{O}_2 \rightarrow$
7		$\text{Al}_2(\text{SO}_4)_3 + \text{Ca}(\text{OH})_2 \rightarrow$
8		$\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
9		$\text{Cl}_2 + \text{NaBr} \rightarrow \text{NaCl} + \text{Br}_2$
10		$\text{Zn} + \text{CuSO}_4 \rightarrow$
11		$\text{KClO}_3 \rightarrow \text{KCl} + \text{O}_2$
12		$\text{H}_2\text{O} + \text{Fe} \rightarrow$
13		$\text{Ca}(\text{OH})_2 + \text{HNO}_3 \rightarrow$
14	Synthesis	$\text{Na}_2\text{O} + \text{CO}_2 \rightarrow$
15		$\text{H}_2 + \text{N}_2 \rightarrow \text{NH}_3$

Predicting Products Practice #1

Predict the products and then balance.

#	Type of Rxn	Reaction and Products
1		$\text{HgO} + \text{Cl}_2 \rightarrow$
2	Synthesis	$\text{Na} + \text{Br}_2 \rightarrow$
3		$\text{KClO}_3 \rightarrow \text{KCl} + \text{O}_2$
4		$\text{Ca}(\text{OH})_2 + \text{HNO}_3 \rightarrow$
5		$\text{Al}_2\text{O}_3 \rightarrow \text{Al} + \text{O}_2$
6		$\text{CuCl}_2 + \text{H}_2\text{S} \rightarrow$
7		$\text{NaOH} + \text{HBr} \rightarrow$
8		$\text{H}_2\text{O} + \text{Fe} \rightarrow$

5 Signs of a Reaction

