

Single and Double Replacement Reactions Story: Rindercella:

Once upon a time, in a foreign country, there lived a very beautiful girl; her name was Rindercella. Now, Rindercella lived with her mother and her two sad sisters. In this same foreign country, there was a very handsome prince.

This handsome prince was going to have a fancy ball. He'd invited people from miles around, especially the poor people. Rindercella's mother and her two sad sisters went out to buy some fancy dresses to wear to this fancy ball, but Rindercella couldn't go because all she had to wear were some old dirty rags. Finally, the night of the fancy ball arrived and Rindercella couldn't go. So she just sat down and cried. She was a kitten there a screeen, when all at once there appeared before her, her fairy godmother. He touched her with his magic wand, and there appeared before her, a big coach and his white horses to take her to the fancy ball. But now, he said to Rindercella, "You must be home before midnight, or I'll turn you into a pumpkin!"

When Rindercella arrived at the fancy ball, the handsome prince met her at the door because he had been watching behind a wooden window. Rindercella and the handsome prince danced all night until midnight... and they fell in love. Finally, the midnight struck. Rindercella stayed down the stairs. Just as she reached the bottom, she stopped her dresser!

The next day, the handsome prince went all over the foreign country looking for the beautiful girl who had stopped her dresser. Finally he came to Rindercella's house. He tried it on Rindercella's mother, and it didn't fit. Then he tried it on her two sisters, and it didn't fit. Then he tried it on Rindercella, and it fit! It was exactly the right size!

So they were married and lived happily ever after. The moral of the story is this: If you ever go to a fancy ball and want to have a handsome prince fall in love with you, don't forget to stop your dresser!

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		$\text{H}_2 + \text{N}_2 \rightarrow \text{NH}_3$

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