

## Worksheet for Precipitation Experiment

1. a) silver nitrate + sodium hydroxide  $\rightarrow$  silver hydroxide + sodium nitrate



c) already balanced.

2a)

silver nitrate + potassium iodide  $\rightarrow$  silver iodide + potassium nitrate



c) already balanced

3a) silver nitrate + sodium chloride  $\rightarrow$  silver chloride + sodium nitrate



c) already balanced

4a) silver nitrate + potassium carbonate  $\rightarrow$  silver carbonate + potassium nitrate

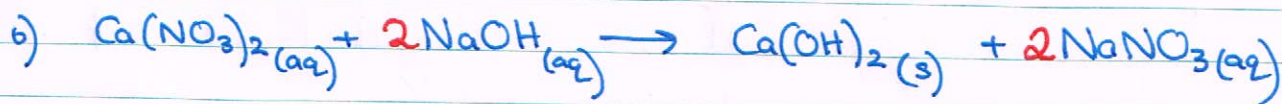


c) Not balanced

	left	right
Ag	<del>1</del> 2	2
K	2	<del>1</del> 2
N	<del>1</del> 2	<del>1</del> 2
C	1	1
O	<del>6</del> 9	<del>6</del> 9

// balanced

5a) calcium nitrate + sodium hydroxide  $\rightarrow$  calcium hydroxide + sodium nitrate

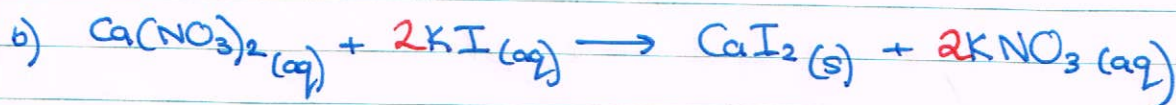


c) not balanced

	left	right
Ca	1	1
Na	<del>1</del> 2	<del>1</del> 2
N	2	<del>1</del> 2
O	<del>7</del> 8	<del>5</del> 8
H	<del>1</del> 2	2

✓✓ balanced

6a) calcium nitrate + potassium iodide  $\rightarrow$  calcium iodide + potassium nitrate



c) not balanced

	left	right
Ca	1	1
K	<del>1</del> 2	<del>1</del> 2
N	2	<del>1</del> 2
I	<del>1</del> 2	2
O	6	<del>3</del> 6

✓✓ balanced!

7a) copper sulfate + sodium hydroxide  $\rightarrow$  copper hydroxide + sodium sulfate



c) not balanced

	left	right
Cu	1	1
Na	<del>1</del> 2	2
S	1	1
O	<del>5</del> 6	6
H	<del>1</del> 2	2

✓✓ balanced!



8a) zinc nitrate + sodium hydroxide  $\rightarrow$  zinc hydroxide + sodium nitrate



c) not balanced

	left	right
Zn	1	1
Na	<del>1</del> 2	<del>1</del> 2
N	2	<del>1</del> 2
O	<del>7</del> 8	<del>5</del> 8
H	<del>1</del> 2	2

✓ balanced

9a) lead nitrate + sodium hydroxide  $\rightarrow$  lead hydroxide + sodium nitrate

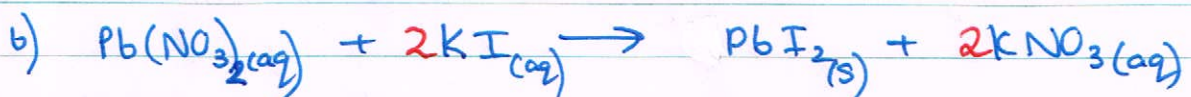


c) not balanced

	left	right
Pb	1	1
Na	<del>1</del> 2	<del>1</del> 2
N	2	<del>1</del> 2
O	<del>7</del> 8	<del>5</del> 8
H	<del>1</del> 2	2

✓ balanced

10a) lead nitrate + potassium iodide  $\rightarrow$  lead iodide + potassium nitrate



c) not balanced

	left	right
Pb	1	1
K	<del>1</del> 2	<del>1</del> 2
I	<del>1</del> 2	2
N	2	<del>1</del> 2
O	6	<del>3</del> 6

✓ balanced!

