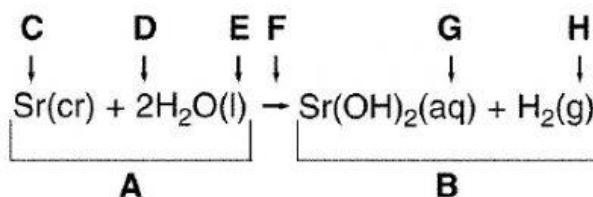


A) Label each of these parts of an equation. Use the word bank provided:

Yield or Produce	Product	Reactant	Coefficient	Gas
Dissolved in Water	Liquid	Solid	Element	



- 1) In the chemical equation shown, the substances in part A are called _____.
- 2) Part F is read as _____.
- 3) The substances in part B are called _____.
- 4) Part G means that the material, Sr(OH)_2 , is _____.
- 5) Part D is called a(n) _____.
- 6) Part E means that the material, H_2O , is a(n) _____.
- 7) Part H means that the material, H_2 , is a(n) _____.
- 8) Part C is a(n) _____.

B) 1) When heated, mercury (II) oxide produces oxygen plus mercury. What would be the combined mass of oxygen and mercury if 20 g of mercury (II) oxide were heated?

2) How much oxygen would be produced by heating 20 g of mercury (II) oxide if 18.6 g of mercury is produced?

C) Which type of chemical reaction is each of these? Use these terms:

Synthesis	Decomposition	Single Displacement	Double Displacement	Combustion
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