



### Pracovný list 3

Meno: \_\_\_\_\_

Trieda: \_\_\_\_\_

1. Akými zmenami prechádzajú jednotlivé prvky v uvedených chemických reakciách?

The screenshot shows a digital worksheet interface. At the top, there are three small circular icons labeled 'a', 'b', and 'c'. Below them, two chemical reactions are presented. The first reaction is  $\text{Br}_2(l) + \text{H}_2\text{S}(g) \rightarrow 2\text{HBr}(g) + \text{S}(s)$ . Above the reaction is a white rectangular box. A blue line with arrows at both ends connects this box to the reaction. Below the reaction is another white rectangular box, with a blue arrow pointing from it up to the reaction. The second reaction is  $\text{CH}_4(g) + 2\text{Cl}_2(g) \rightarrow \text{C}(s) + 4\text{HCl}(g)$ . Above it is a white rectangular box, and below it is another white rectangular box, both connected to the reaction by blue lines with arrows. At the bottom of the screenshot, there are two green rectangular buttons with black text: 'oxidácia' on the left and 'redukcia' on the right.

The screenshot shows a digital worksheet interface. At the top, there are three small circular icons labeled 'a', 'b', and 'c'. Below them, two chemical reactions are presented. The first reaction is  $2\text{PbO}(s) + \text{C}(s) \rightarrow 2\text{Pb}(s) + \text{CO}_2(g)$ . Above the reaction is a white rectangular box. A blue line with arrows at both ends connects this box to the reaction. Below the reaction is another white rectangular box, with a blue arrow pointing from it up to the reaction. The second reaction is  $\text{Cr}_2\text{O}_3(s) + 2\text{Al}(s) \rightarrow \text{Al}_2\text{O}_3(s) + 2\text{Cr}(s)$ . Above it is a white rectangular box, and below it is another white rectangular box, both connected to the reaction by blue lines with arrows. At the bottom of the screenshot, there are two green rectangular buttons with black text: 'oxidácia' on the left and 'redukcia' on the right.