

Pracovní list: Chemické reakce 1



1. Zapiš pomocí chemických vzorců a značek. Rovnice uprav. Pojmenuj typ reakce.

a) sodík + síra \rightarrow sulfid sodný

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b) železo + kyslík \rightarrow oxid železnatý

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c) hořčík + kyslík \rightarrow oxid hořečnatý

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d) draslík + jod \rightarrow jodid draselný

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e) vápník + kyslík \rightarrow oxid vápenatý

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f) oxid siřičitý \rightarrow síra + kyslík

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g) oxid uhelnatý + kyslík \rightarrow oxid uhličitý

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h) oxid siřičitý + kyslík \rightarrow oxid sírový

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i) jodid draselný + chlor \rightarrow chlorid draselný + jod

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j) železo + kyslík \rightarrow oxid železitý

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k) železo + chlor \rightarrow chlorid železitý

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l) zinek + kyselina chlorovodíková \rightarrow vodík + chlorid zinečnatý

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m) dusík + vodík \rightarrow amoniak

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n) sodík + brom \rightarrow bromid sodný

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o) oxid sodný + kyselina chlorovodíková \rightarrow chlorid sodný + voda

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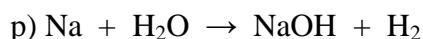
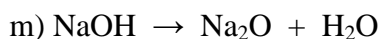
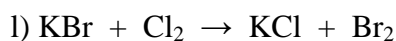
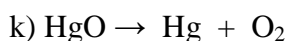
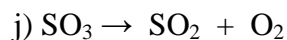
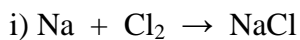
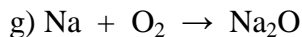
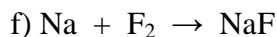
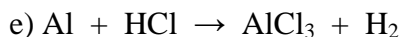
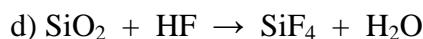
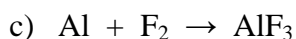
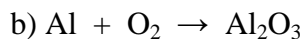
p) voda \rightarrow vodík + kyslík

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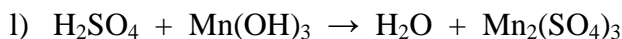
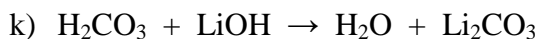
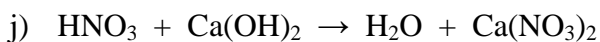
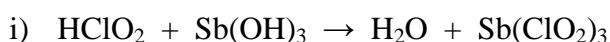
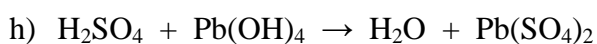
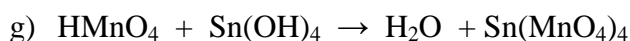
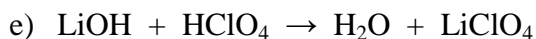
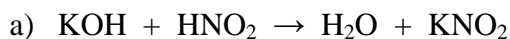
q) amoniak \rightarrow dusík + vodík

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2. Uprav chemické rovnice a pojmenuj typ chemické reakce.



3. Vyrovněj rovnice neutralizace a pojmenuj reaktanty a produkty.



4. Neutralizace je reakce, při které reaguje a za vzniku a Doplň rovnice a pojmenuj vzniklý produkt.

