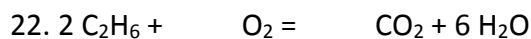
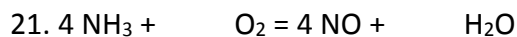




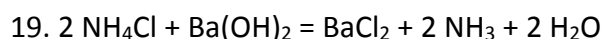
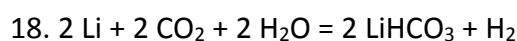
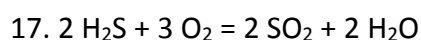
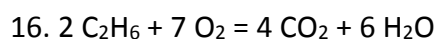
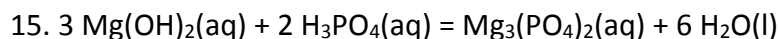
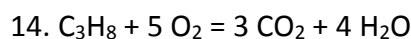
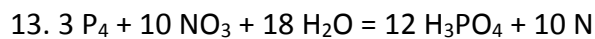
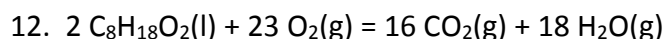
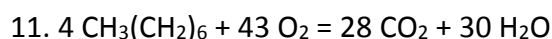
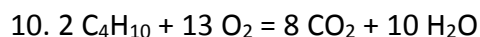
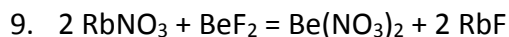
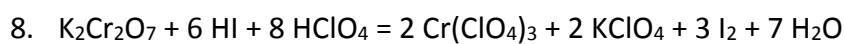
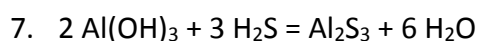
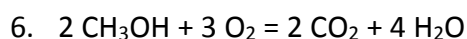
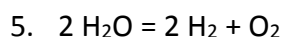
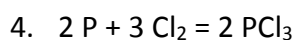
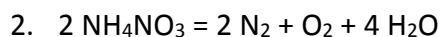
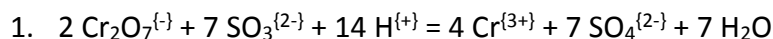
BALANCE THE GIVEN CHEMICAL EQUATIONS

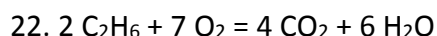
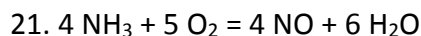
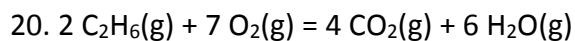
Worksheet - 58

- $2 \text{Cr}_2\text{O}_7^{\{-\}} + 7 \text{SO}_3^{\{2-\}} + \underline{\hspace{1cm}} \text{H}^{\{+\}} = 4 \text{Cr}^{\{3+\}} + 7 \text{SO}_4^{\{2-\}} + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $\underline{\hspace{1cm}} \text{NH}_4\text{NO}_3 = \underline{\hspace{1cm}} \text{N}_2 + \text{O}_2 + 4 \text{H}_2\text{O}$
- $2 \text{Cl}_2 + \underline{\hspace{1cm}} \text{KOH} = \text{KClO}_2 + 3 \text{KCl} + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $\underline{\hspace{1cm}} \text{P} + 3 \text{Cl}_2 = \underline{\hspace{1cm}} \text{PCl}_3$
- $\underline{\hspace{1cm}} \text{H}_2\text{O} = \underline{\hspace{1cm}} \text{H}_2 + \text{O}_2$
- $2 \text{CH}_3\text{OH} + \underline{\hspace{1cm}} \text{O}_2 = 2 \text{CO}_2 + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $\underline{\hspace{1cm}} \text{Al}(\text{OH})_3 + 3 \text{H}_2\text{S} = \text{Al}_2\text{S}_3 + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $\text{K}_2\text{Cr}_2\text{O}_7 + \underline{\hspace{1cm}} \text{HI} + 8 \text{HClO}_4 = \underline{\hspace{1cm}} \text{Cr}(\text{ClO}_4)_3 + 2 \text{KClO}_4 + \underline{\hspace{1cm}} \text{I}_2 + 7 \text{H}_2\text{O}$
- $\underline{\hspace{1cm}} \text{RbNO}_3 + \text{BeF}_2 = \text{Be}(\text{NO}_3)_2 + \underline{\hspace{1cm}} \text{RbF}$
- $\underline{\hspace{1cm}} \text{C}_4\text{H}_{10} + 13 \text{O}_2 = \underline{\hspace{1cm}} \text{CO}_2 + 10 \text{H}_2\text{O}$
- $4 \text{CH}_3(\text{CH}_2)_6 + \underline{\hspace{1cm}} \text{O}_2 = 28 \text{CO}_2 + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $2 \text{C}_8\text{H}_{18}\text{O}_2(\text{l}) + \underline{\hspace{1cm}} \text{O}_2(\text{g}) = 16 \text{CO}_2(\text{g}) + \underline{\hspace{1cm}} \text{H}_2\text{O}(\text{g})$
- $\underline{\hspace{1cm}} \text{P}_4 + 10 \text{NO}_3 + 18 \text{H}_2\text{O} = \underline{\hspace{1cm}} \text{H}_3\text{PO}_4 + \underline{\hspace{1cm}} \text{N}$
- $\text{C}_3\text{H}_8 + \underline{\hspace{1cm}} \text{O}_2 = 3 \text{CO}_2 + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $3 \text{Mg}(\text{OH})_2(\text{aq}) + \underline{\hspace{1cm}} \text{H}_3\text{PO}_4(\text{aq}) = \text{Mg}_3(\text{PO}_4)_2(\text{aq}) + \underline{\hspace{1cm}} \text{H}_2\text{O}(\text{l})$
- $2 \text{C}_2\text{H}_6 + \underline{\hspace{1cm}} \text{O}_2 = 4 \text{CO}_2 + \underline{\hspace{1cm}} \text{H}_2\text{O}$
- $\underline{\hspace{1cm}} \text{H}_2\text{S} + 3 \text{O}_2 = \underline{\hspace{1cm}} \text{SO}_2 + 2 \text{H}_2\text{O}$
- $2 \text{Li} + \underline{\hspace{1cm}} \text{CO}_2 + 2 \text{H}_2\text{O} = \underline{\hspace{1cm}} \text{LiHCO}_3 + \text{H}_2$
- $\underline{\hspace{1cm}} \text{NH}_4\text{Cl} + \text{Ba}(\text{OH})_2 = \text{BaCl}_2 + \underline{\hspace{1cm}} \text{NH}_3 + 2 \text{H}_2\text{O}$
- $2 \text{C}_2\text{H}_6(\text{g}) + \underline{\hspace{1cm}} \text{O}_2(\text{g}) = 4 \text{CO}_2(\text{g}) + \underline{\hspace{1cm}} \text{H}_2\text{O}(\text{g})$



ANSWERS





Thanks for downloading our free printable.

We have thousands of such resources in our blog for teachers and parents.

[You can download them for free here!](#)

Free Printables from Go Science Girls – Fair Usage Policy

You can ...

- Download and save this free printable from gosciencegirls.com to your computer.
- Print this file and use it as many times as you want in your home, classrooms or for your library.
- Feel free to link our blog post where your visitors can find and download this printable for free.
- When you post online about this resource – please give due credit to gosciencegirls.com

You Cannot ...

- Access this file or download it from other sites apart from gosciencegirls.com
- Other websites cannot link to this pdf directly. If required, they are welcomed to link to the blog post from where this pdf can be downloaded.
- The ownership of this pdf rests with GoScienceGirls. No one can claim ownership for this file.
- You are not allowed to sell printed copies of this file to others.
- You are not allowed to store this file electronically and redistribute it (only personal use is allowed).

Further Questions?



Feel free to email us at contactgosciencegirls@gmail.com for any further questions and suggestions. We would love to hear from you. We promise to respond back as soon as we can.