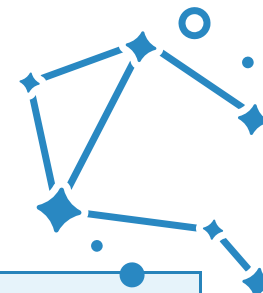


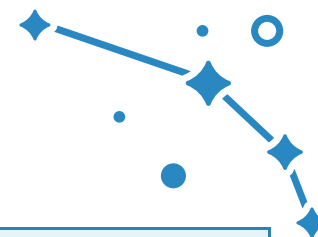
CONSTELLATION STATION: **LIBRA**



Example 1	Example 2
$\begin{aligned} &(2.0 \times 10^4) \cdot (4.0 \times 10^5) \\ &= (2.0 \cdot 4.0) \times (10^4 \cdot 10^5) \\ &= 8.0 \times 10^9 \end{aligned}$	$\begin{aligned} &(2.5 \times 10^6) \cdot (2.0 \times 10^8) \\ &= (2.5 \cdot 2.0) \times (10^6 \cdot 10^8) \\ &= 5.0 \times 10^{14} \end{aligned}$
Example 3	Example 4
$\begin{aligned} &(3.2 \times 10^{-6}) \cdot (1.5 \times 10^{-3}) \\ &= (3.2 \cdot 1.5) \times (10^{-6} \cdot 10^{-3}) \\ &= 4.8 \times 10^{-9} \end{aligned}$	$\begin{aligned} &(4.1 \times 10^4) \cdot (1.9 \times 10^{-7}) \\ &= (4.1 \cdot 1.9) \times (10^4 \cdot 10^{-7}) \\ &= 7.79 \times 10^{-3} \end{aligned}$

CONSTELLATION STATION:

ARIES



Example 1	Example 2
$\frac{6.0 \times 10^5}{3.0 \times 10^1}$ $= \left(\frac{6.0}{3.0} \right) \times \left(\frac{10^5}{10^1} \right)$ $= 2.0 \times 10^4$	$\frac{8.99 \times 10^2}{2.9 \times 10^5}$ $= \left(\frac{8.99}{2.9} \right) \times \left(\frac{10^2}{10^5} \right)$ $= 3.1 \times 10^{-3}$
Example 3	Example 4
$(5.5 \times 10^2) \div (1.25 \times 10^{-6})$ $= \left(\frac{5.5}{1.25} \right) \times \left(\frac{10^2}{10^{-6}} \right)$ $= 4.4 \times 10^8$	$(9.0 \times 10^{-3}) \div (2.25 \times 10^{-2})$ $= \left(\frac{9.0}{2.25} \right) \times \left(\frac{10^{-3}}{10^{-2}} \right)$ $= 4.0 \times 10^{-1}$