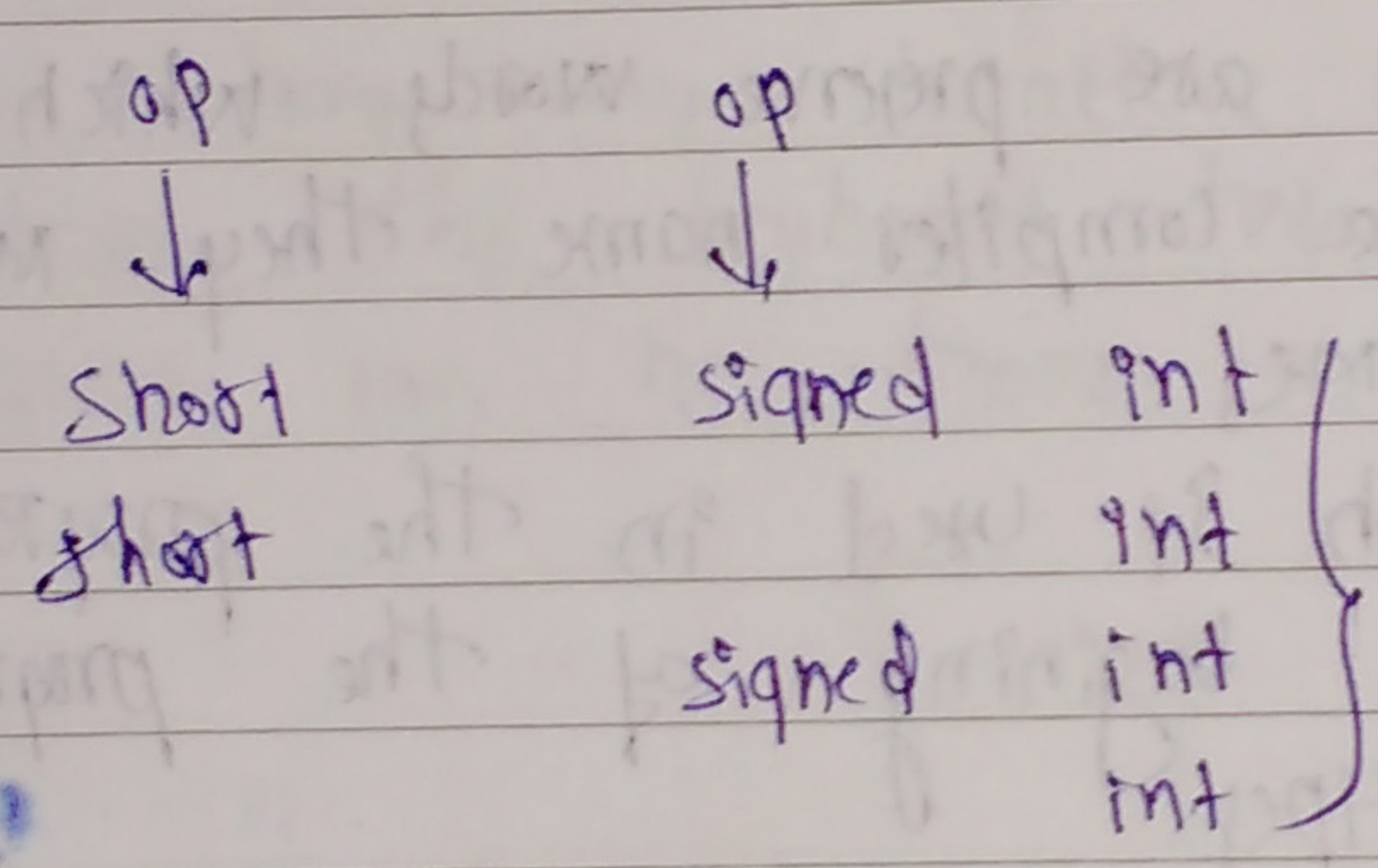
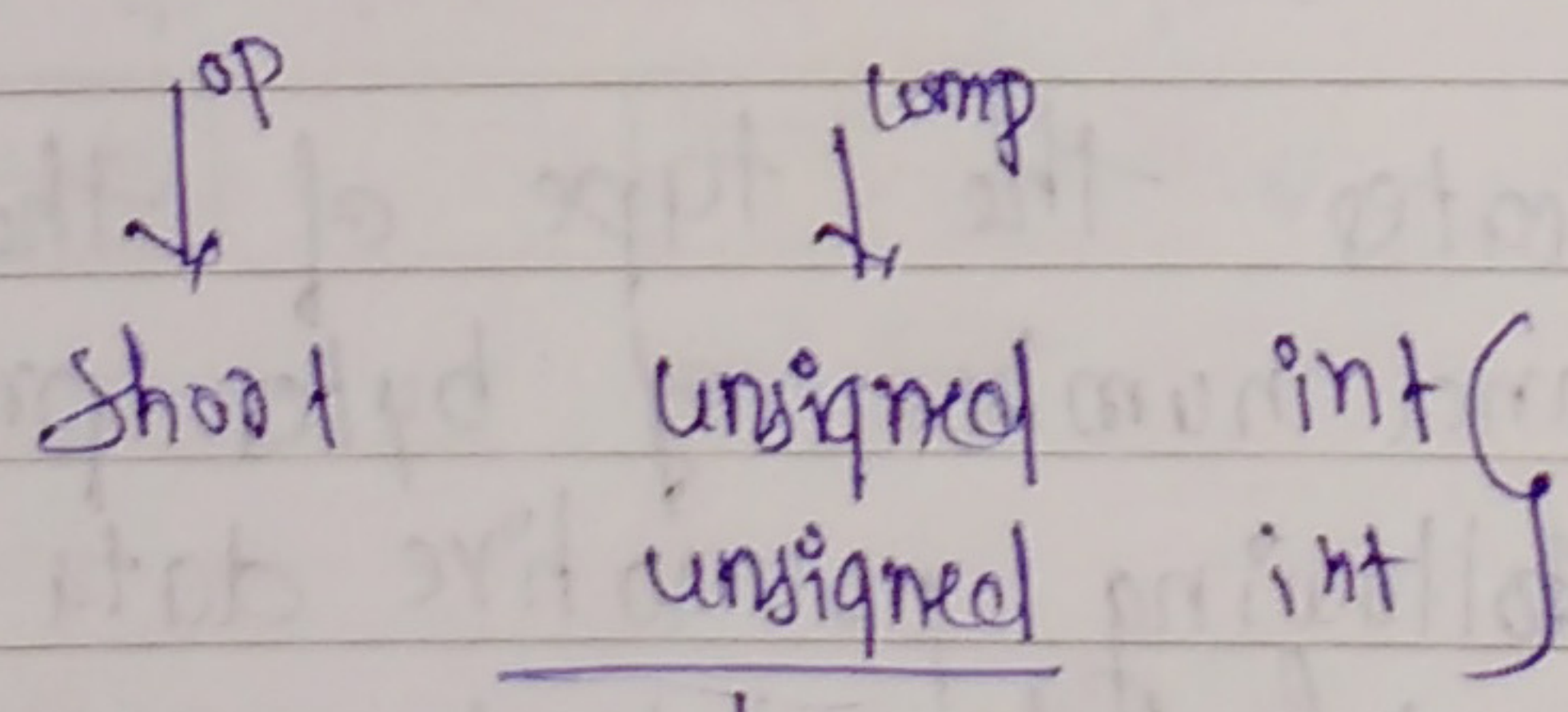


14 Int (Integer):

Integer data type will allow to store only to -ve or +ve integer which can be used for arithmetic calculations. Along with the integer data type size modified short and long where as sign modified. Signed or unsigned can be specified size modified short will reserved 2 bytes memory where as long reserve 4 bytes of the memory. In case of signed -ve as well as +ve integers whereas in case of unsigned only +ve integers can be stored. By default an integer data type will be short & signed which are optional keywords.



2 bytes $\rightarrow 2^{15} \rightarrow$ (sign will be stored) \rightarrow Range -2^{15} to $2^{15}-1$



2 bytes $\rightarrow 2^{15} \rightarrow$ (sign will not be stored) $\rightarrow 0$ to $2^{15}-1$

$$32768 + 32767 = 65535$$