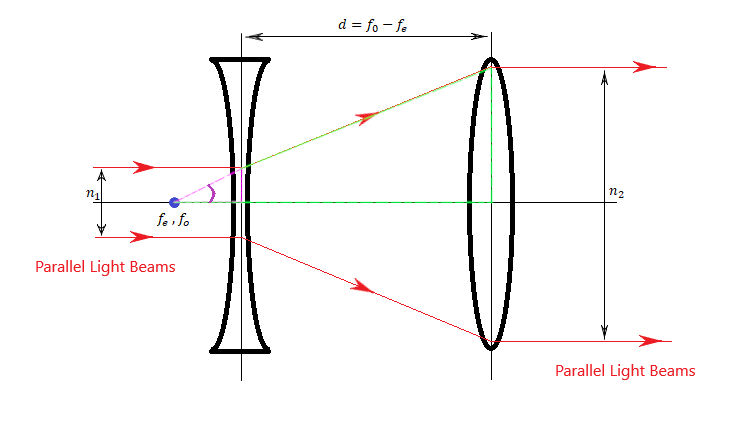
Jared Fowler



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| --- | --- | --- |
|  |  | Thin lens formula |
|  |  |  |
|  |  | Incoming parallel light beams indicate that the object is at infinite distance. |
|  |  |  |
|  |  | Solve. Note that the focal length of a diverging lens is negative. |
|  |  |  |
|  |  |  |
|  |  | Thin lens formula |
|  |  |  |
|  |  | Outgoing parallel light beams indicate that the image is at infinite distance. |
|  |  |  |
|  |  | Solve. |
|  |  |  |
|  |  | (see Diagram – purple and green triangles) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | Magnification is defined as image height over object height. Solve. |