Signed lens and mirror images

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
real image /rɪəl ˈɪmɪdʒ/	A **real image** can be caught on a screen.
virtual image /ˈvɜːtʃuːəl ˈɪmɪdʒ/	Backwards extensions of the emerging rays meet at the **virtual image**.
magnification /ˌmægnɪfɪˈkeɪʃn/	A **magnification** of -2 means an inverted image twice as tall. $$-2$$
converging lens /kənˈvɜːdʒɪŋ lenz/	A **converging lens** brings parallel paraxial rays towards a focus.
focal length /ˈfəʊkl leŋθ/	A lens with a short **focal length** bends light strongly.
diverging lens /daɪˈvɜːdʒɪŋ lenz/	A **diverging lens** always gives a smaller virtual image.

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