

A level Physics B

H557/01 Fundamentals of physics

Question Set 16

1 The lens in a digital clock projects the time onto a wall 1.5 m away as shown in Fig. 1.

The digital display is 0.030 m from the lens.

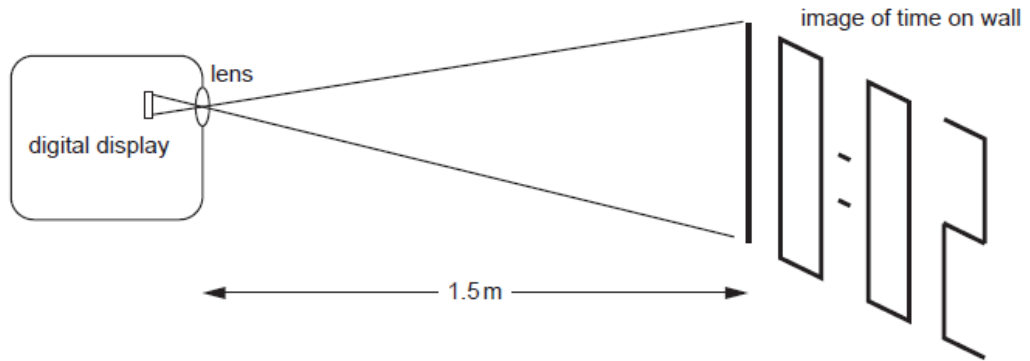


Fig.1

(a) Calculate the power of the lens.

power of the lens =D

[3]

(b) State the magnification of the lens in this example.

magnification =

[1]

Total Marks for Question Set: 4

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