

1 A system of lenses consists of a converging lens and a diverging lens in contact.

The magnitude of the power of the converging lens is 9.4 D and the magnitude of the power of the diverging lens is 4.2 D.

Which of the following is the power of this system of lenses?

☐ A 13.6 D

☐ B 5.2 D

☐ C -5.2 D

☐ D -13.6 D

(Total for Question 1 = 1 mark)