**S2 Optics and Waves**

**Home Learning Exercise 1**

Lens B

Lens A

(a) From the lenses shown above, state which is concave and which is convex.

(b) Which lens is also known as a diverging lens?

(c ) Copy the diagrams of the lenses and show what happens to parallel light when it passes through each lens.

(d) Would lens A or B be used to correct short sight?

(e) What is the name given to the distance between a lens and the focal point of the lens?

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