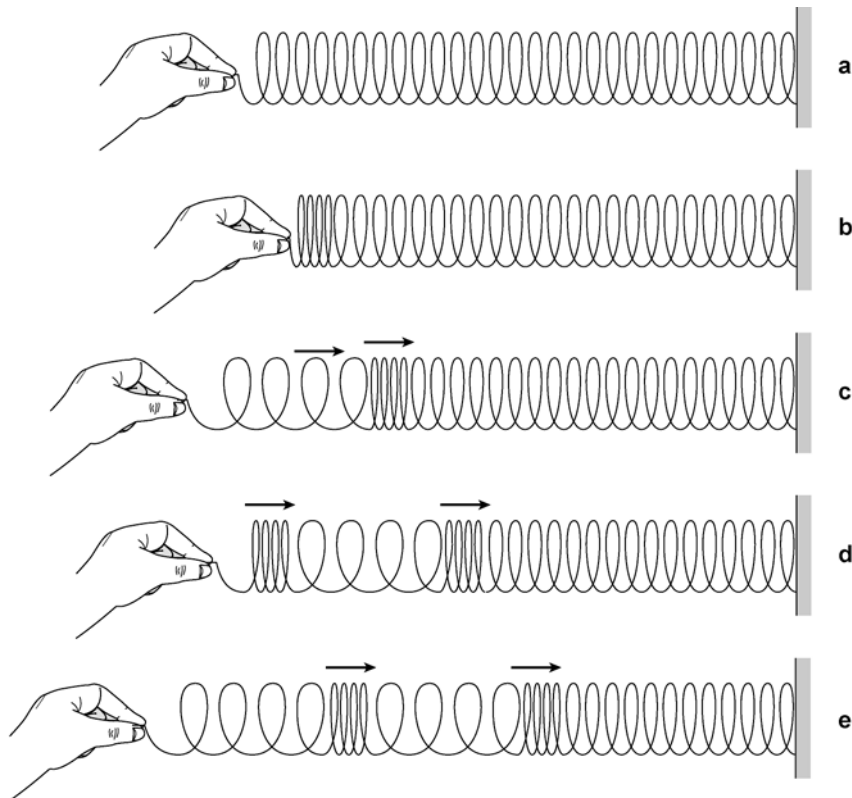


Activity AP6.4 How a longitudinal wave moves

To answer

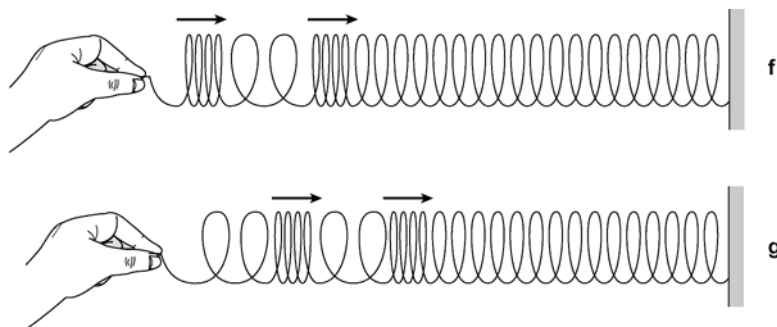
1 These diagrams show a wave.



2 Mark on the diagrams a to e:

- a two examples of a compression
- b two examples of a rarefaction
- c two examples of one wavelength, each starting from a different point on the wave

3 These diagrams show a wave with higher



4 Mark one wavelength on diagram f and on diagram g.

5 How has the wavelength changed? (Hint: use a ruler)