

- 14** Each foot of an elephant has a circular cross-section with a circumference of 1.4 m. The elephant has a mass of 5400 kg.

The elephant is standing still with all four feet on the ground. Assume the pressure under each foot is the same.

What is the approximate pressure exerted on the ground by each of the elephant's feet?

- A** 8.7 kPa **B** 35 kPa **C** 85 kPa **D** 340 kPa