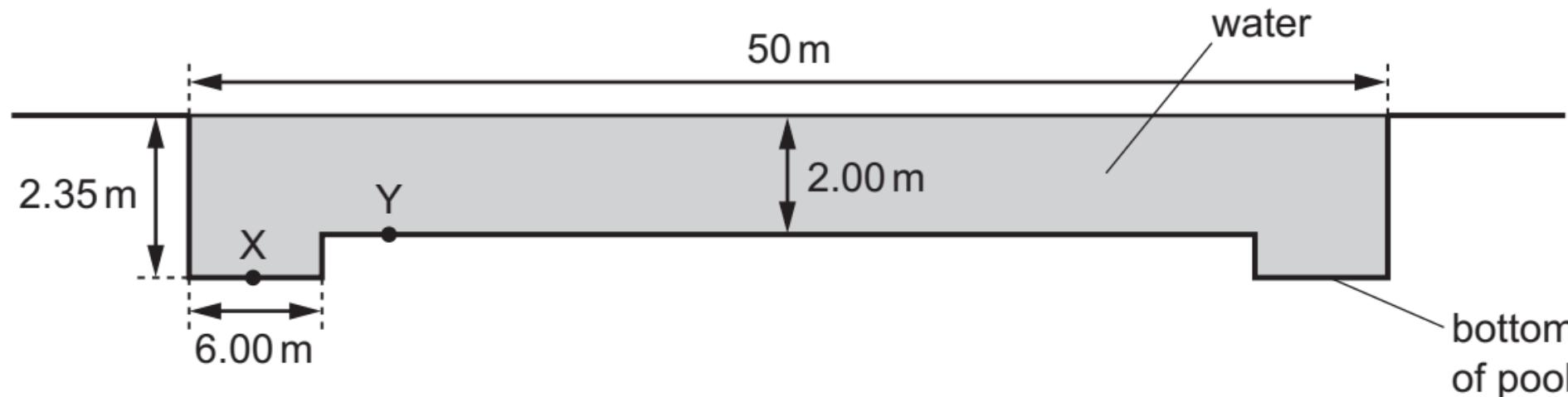


- 20 The diagram shows the cross-section of an Olympic-size swimming pool filled with water. It is not drawn to scale. The density of the water is 1000 kg m^{-3} .



What is the difference in pressure between X and Y?

- A 0.35 kPa
- B 3.4 kPa
- C 21.3 kPa
- D 58.9 kPa

- 21 A force acts on a wire to produce extension α . The same force then acts on a second wire of the