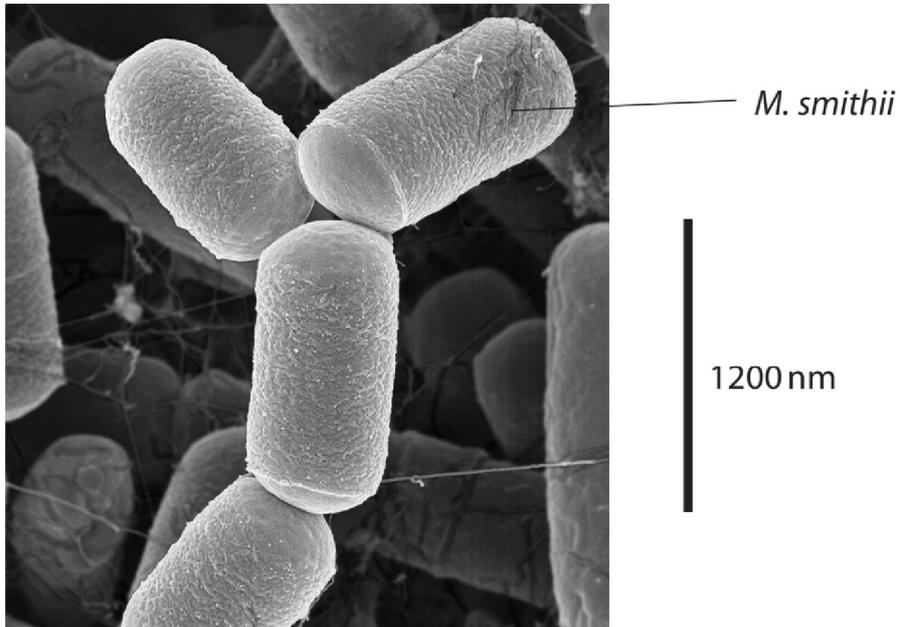


2 *Methanobrevibacter smithii* (*M. smithii*) is a single-celled microorganism found in the human intestine.

The photograph shows *M. smithii*.



(© DENNIS KUNKEL MICROSCOPY / SCIENCE PHOTO LIBRARY)

(a) (i) Calculate the magnification of this photograph.

Give your answer in standard form to two significant figures.

(2)

Answer

(ii) Explain which type of microscope was used to take this photograph.

(2)

.....

.....

.....

.....

.....

.....