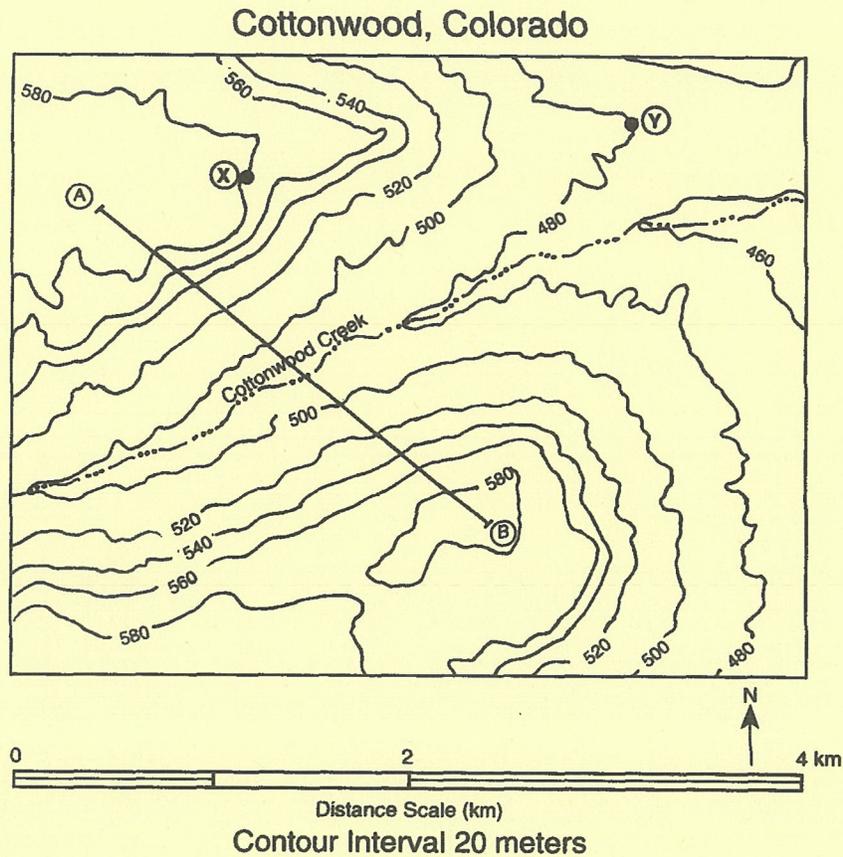


24. Base your answer on the topographic map of Cottonwood, Colorado, below. Points *A*, *B*, *X*, and *Y* are marked for reference.



In the space provided, calculate the gradient of the slope between points *X* and *Y* on the topographic map, following the directions below.

- a Write the equation for gradient.
- b Substitute data from the map into the equation.
- c Calculate the gradient and label it with the proper units.