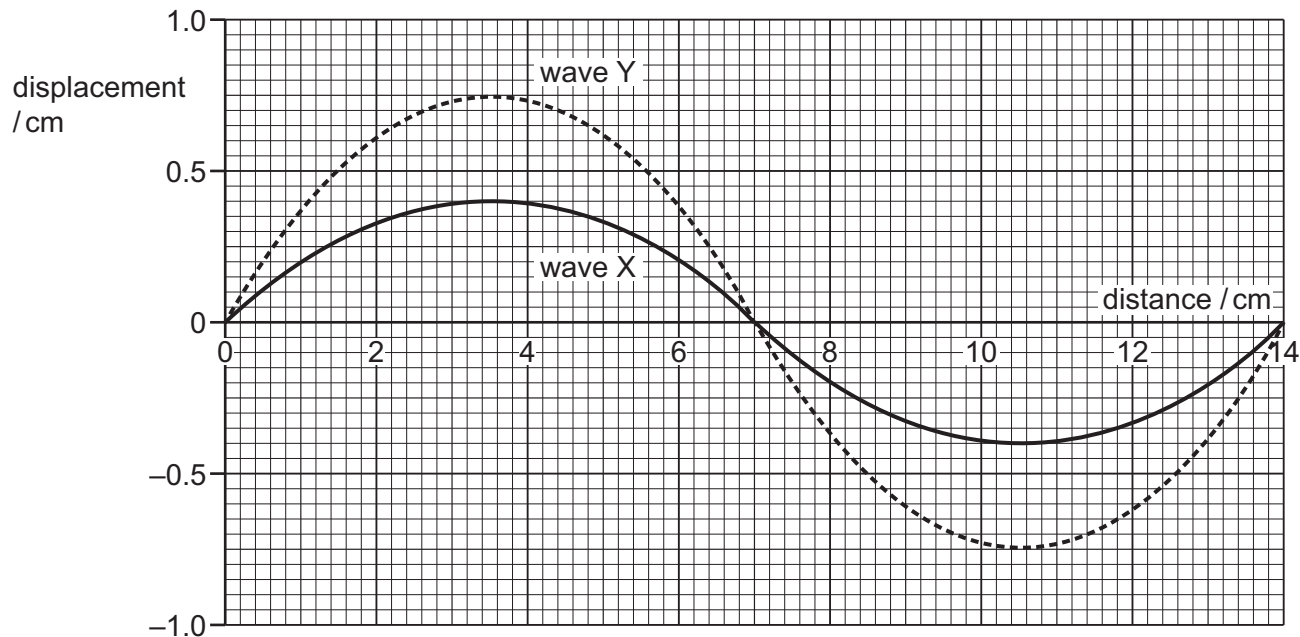


- 26** The graph shows the variation of displacement with distance for two progressive waves X and Y of the same type in the same medium.



The intensity of wave X is I .

What is the intensity of wave Y?

- A** $0.28I$ **B** $0.53I$ **C** $1.9I$ **D** $3.5I$