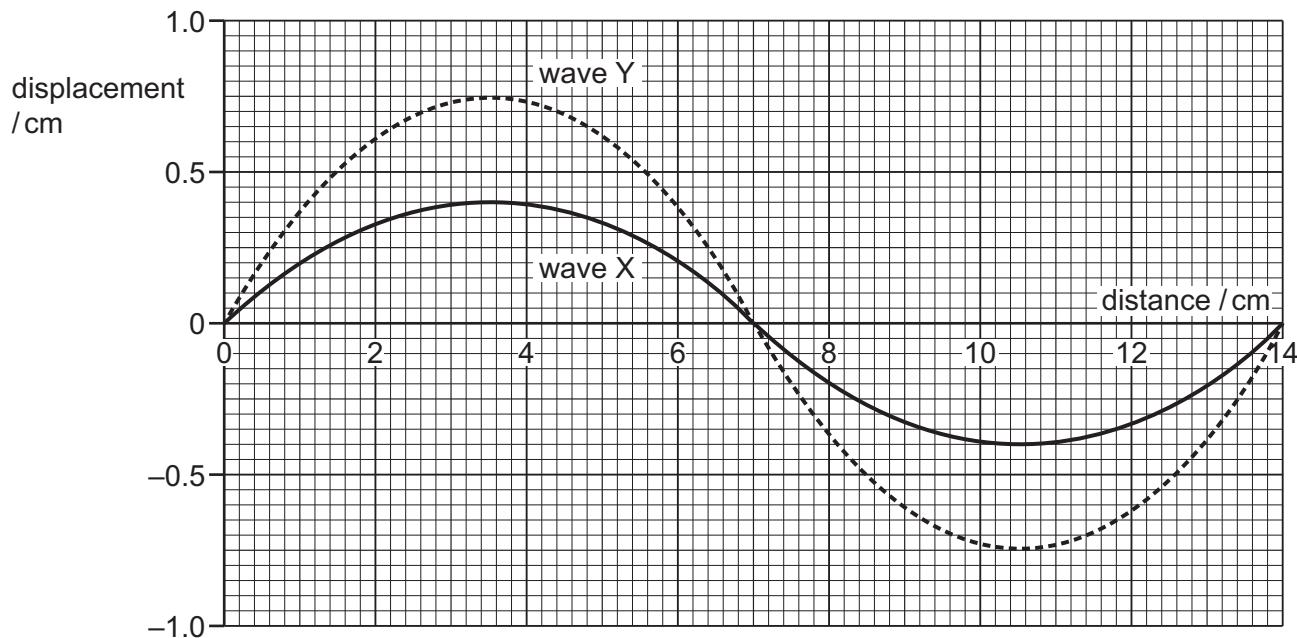


- 26 The graph shows the variation of displacement with distance for two progressive waves X and Y of the same type in the same medium.



The intensity of wave X is I .

What is the intensity of wave Y?

A $0.28I$

B $0.53I$

C $1.9I$

D $3.5I$