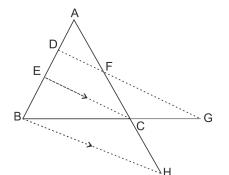


ii) The area of the deck of the ship is 1,60,000 m². Find the area of the deck of the model.

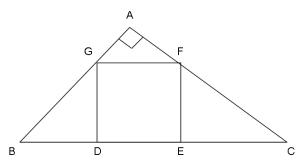
2



In the given figure, 2AD = BD, E is mid-point of BD and F is mid-point of AC and EC || BH. Prove that : i) DF || BH

ii) AH = 3 AF.

Q.5 Answer the following



In the figure, the vertices of square DEFG are on the sides of \triangle ABC. \angle A = 90°. Then prove that DE² = $\mathsf{BD}{\times}\mathsf{EC}$

1

1

Q.6 Answer the following

В С In the given figure. DE \parallel BC. i. If AD = x, DB = x - 2, AE = x + 2 and EC = x - 1, find the value x. ii. If DB = x - 3, AB = 2x, EC = x - 2 and AC = 2x + 3, find the value of x.

4

3