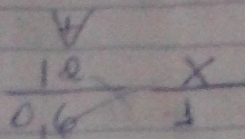
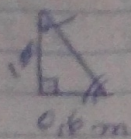
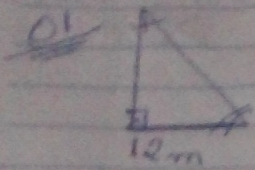


Exercício Básica (semelhança de triângulos)



$$12 = 0,6X$$

$$X = \frac{12}{0,6} = 20m$$

AB é paralela ao segmento FE
 AC é paralela ao segmento DE logo assim os triângulos ABC, DBE e FEC são semelhantes.

$$\frac{AB}{DB} = \frac{AC}{DE}$$

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AB = 1 | DE é o lado do quadrado que é igual a AF, então DE = AD
 AC = 3

$$\frac{1}{1-AD} = \frac{3}{AD}$$

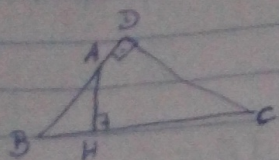
$$AD = 3(1-AD)$$

$$AD = 3 - 3AD$$

$$4AD = 3$$

$$AD = \frac{3}{4} = 0,75$$

A) 0,70 (B) 0,75 (C) 0,80 (D) 0,85 (E) 0,90



$$AH = 1$$

$$BC = 10, DE = x$$

de AB e: a) 4,8 b) 5,2
c) 4,6 e 5,4

$$\cancel{5,0}$$

Semelhança de triângulos

$$\frac{4}{8} = \frac{x}{10}$$

$$\frac{AH}{DE} = \frac{x}{BC}$$

$$8x = 40$$

$$x = \frac{40}{8}$$

$$x = \underline{\underline{5,0}}$$