

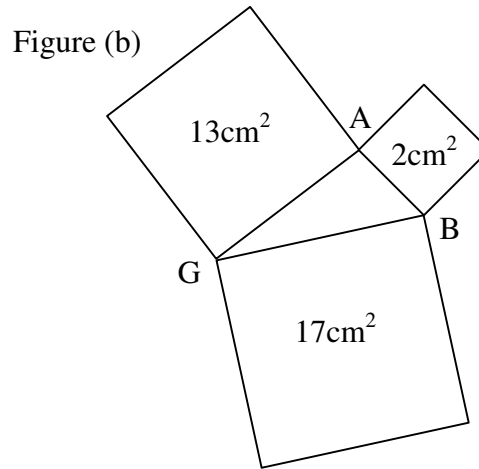
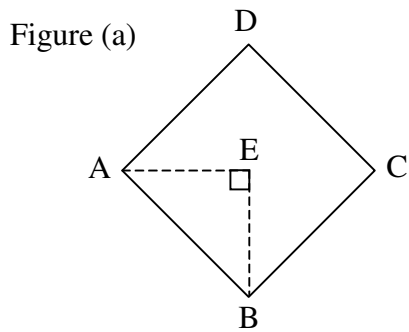
Written Test

Sample (15) Answer

In Figure (a), ABCD is a square with area 2cm^2 . $\triangle AEB$ is a right-angled triangle with $\angle E = 90^\circ$. Let $AE = EB = x$ cm. Find the value(s) of x .

Answer: $x =$ 1.

In Figure (b), $\triangle ABG$ is enclosed by three squares with areas 2cm^2 , 13cm^2 and 17cm^2 respectively. Find the area of $\triangle ABG$.



Answer: Area of $\triangle ABG =$ 2.5 cm^2 .