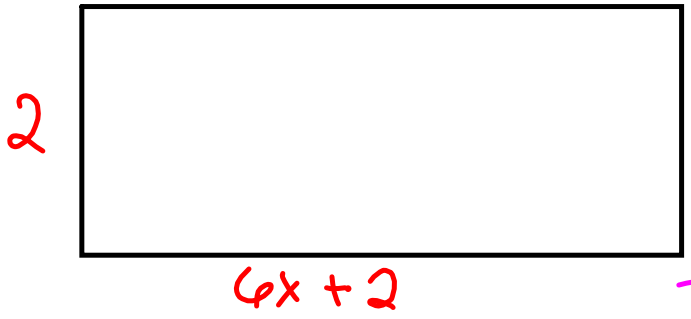
A rectangular flower bed has a width of 2 meters and a length of $(6x + 2)$ meters. The area of the flower bed is 13 square meters. Complete each statement.

This what was Missing on the Review Sheet.

Part A The length of the flower bed is ☐ meters. SHOW TOOLS

Part B The perimeter of the flower bed is ☐ meters. SHOW TOOLS

Part C To enclose 8 of these rectangular flower beds, ☐ meters of fencing is needed. SHOW TOOLS



$2(6x+2) = 13$

$12x + 4 = 13$

$-4 \quad -4$

$\frac{12x}{12} = \frac{9}{12}$

$x = \frac{3}{4}$

Area = 13 sq m

Part A ⇒ Length ⇒ $6x + 2$

$6(\frac{3}{4}) + 2 = \frac{13}{2}$

Part B ⇒ Perimeter ⇒ $2(2) + 2(\frac{13}{2})$

$4 + 13 = 17$

Part C ⇒ Fence for 8 flower Beds ⇒ $(17)(8)$

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