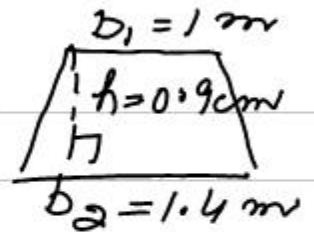
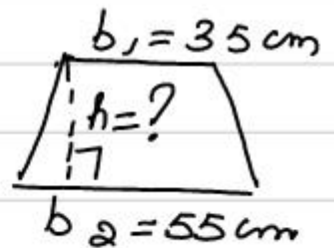


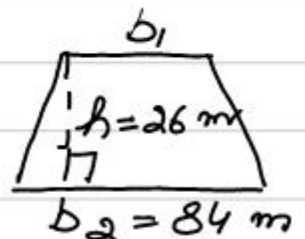
③ area of table top =  $\frac{1}{2}(b_1 + b_2)h$   
 $= \frac{1}{2}(1 + 1.4) \times 0.9$   
 $= \frac{1}{2} \times 2.4 \times 0.9$   
 $= 1.08 \text{ m}^2$



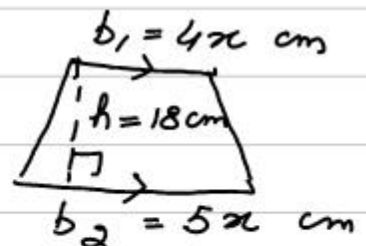
④ area of trapezium =  $1080 \text{ cm}^2$   
 $\frac{1}{2}(b_1 + b_2)h = 1080$   
 $\frac{1}{2}(35 + 55)h = 1080$   
 $\frac{1}{2} \times 90 \times h = 1080$   
 $\Rightarrow h = 24 \text{ cm}$



⑤ area of field =  $1586 \text{ m}^2$   
 $\frac{1}{2}(b_1 + b_2)h = 1586$   
 $\frac{1}{2}(b_1 + 84) \times 26 = 1586$   
 $\Rightarrow b_1 = 122 + 84$   
 $= 206 \text{ m}$



⑥ area of trapezium =  $405 \text{ cm}^2$   
 $\frac{1}{2}(b_1 + b_2)h = 405$   
 $\frac{1}{2}(4x + 5x)18 = 405$   
 $\Rightarrow 9x = 45$   
 $\Rightarrow x = 5$



$\therefore b_1 = 4 \times 5 = 20 \text{ cm}$   
 $b_2 = 5 \times 5 = 25 \text{ cm}$