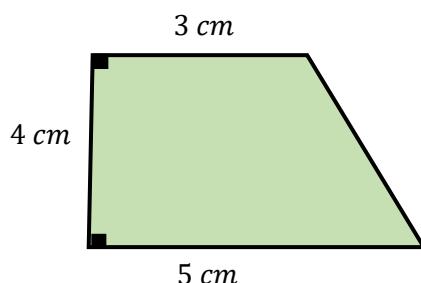
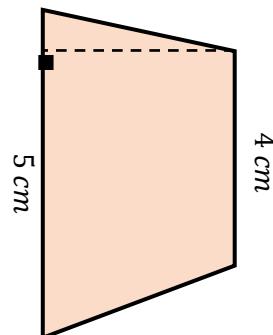


س1: أحسب مساحة شبه المنحرف في كل مما يأتي:

①



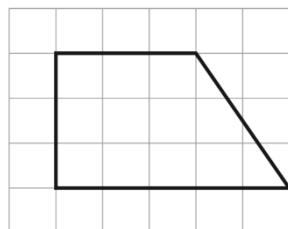
②



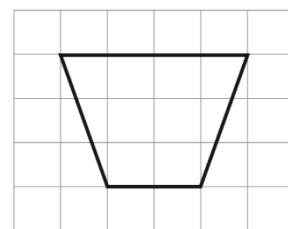
منصة أساس التعليمية



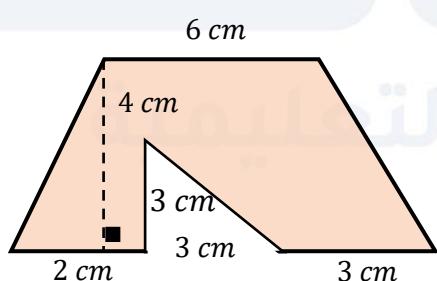
(3)



(4)



س2: أجد مساحة الشكل المظلل:



2



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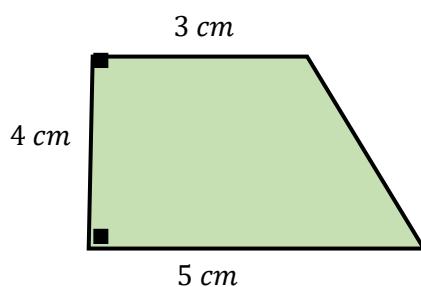
إعداد المعلمة : فيروز دراغمة

كل الامتحانات موجودة في خانة الملفات على الموقع www.asas4edu.com



س1: أحسب مساحة شبه المنحرف في كل مما يأتي:

①

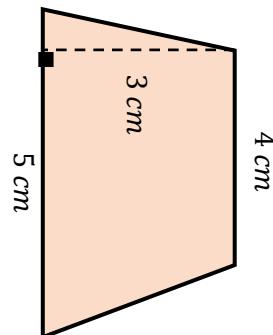


$$h = 4 \text{ cm}$$

$$b_1 = 3 \text{ cm} , b_2 = 5 \text{ cm}$$

$$\begin{aligned} A &= \frac{1}{2} \times (b_1 + b_2) \times h \\ &= \frac{1}{2} \times (3 + 5) \times 4 \\ &= \frac{1}{2} \times 8 \times 4 \\ &= 4 \times 4 = 16 \text{ cm}^2 \end{aligned}$$

②



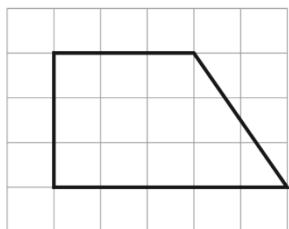
$$h = 3 \text{ cm}$$

$$b_1 = 5 \text{ cm} , b_2 = 3 \text{ cm}$$

$$\begin{aligned} A &= \frac{1}{2} \times (b_1 + b_2) \times h \\ &= \frac{1}{2} \times (4 + 5) \times 3 \\ &= \frac{1}{2} \times 9 \times 3 \\ &= \frac{27}{2} = 13.5 \text{ cm}^2 \end{aligned}$$

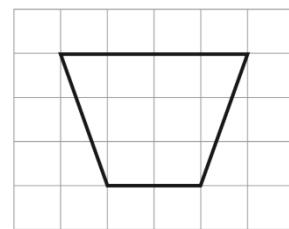


(3)



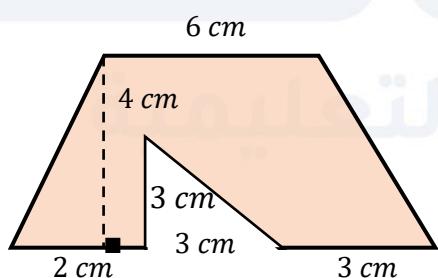
$$\begin{aligned}
 h &= 3 \text{ cm} \\
 b_1 &= 3 \text{ cm}, b_2 = 5 \text{ cm} \\
 A &= \frac{1}{2} \times (b_1 + b_2) \times h \\
 &= \frac{1}{2} \times (3 + 5) \times 3 \\
 &= \frac{1}{2} \times 8 \times 3 \\
 &= 4 \times 3 = 12 \text{ وحدة مربعة}
 \end{aligned}$$

(4)



$$\begin{aligned}
 h &= 3 \text{ cm} \\
 b_1 &= 2 \text{ cm}, b_2 = 4 \text{ cm} \\
 A &= \frac{1}{2} \times (b_1 + b_2) \times h \\
 &= \frac{1}{2} \times (2 + 4) \times 3 \\
 &= \frac{1}{2} \times 6 \times 3 \\
 &= 3 \times 3 = 9 \text{ وحدة مربعة}
 \end{aligned}$$

س2: أجد مساحة الشكل المظلل:



$$\begin{aligned}
 \text{مساحة شبه المنحرف } A_1 &= \frac{1}{2} \times (b_1 + b_2) \times h \\
 &= \frac{1}{2} \times (6 + 8) \times 4 \\
 &= \frac{1}{2} \times 14 \times 4 \\
 &= 7 \times 4 = 28 \text{ cm}^2
 \end{aligned}$$

مساحة المثلث: A_2

$$\begin{aligned}
 A_2 &= \frac{1}{2} \times b \times h = \frac{1}{2} \times 3 \times 3 = \frac{1}{2} \times 9 = 4.5 \text{ cm}^2 \\
 A &= A_1 - A_2 = 28 - 4.5 = 23.5 \text{ cm}^2
 \end{aligned}$$

4



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إعداد المعلمة: فیروز دراغمة

