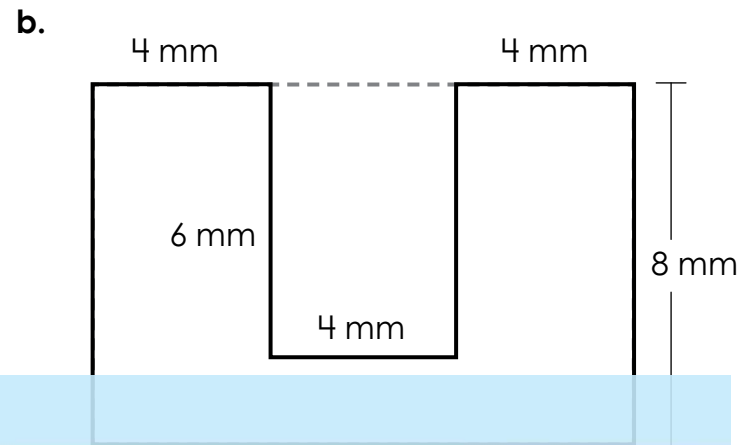
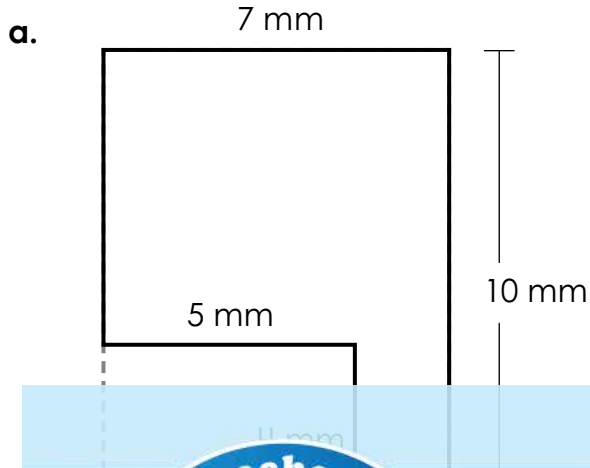


Name: \_\_\_\_\_

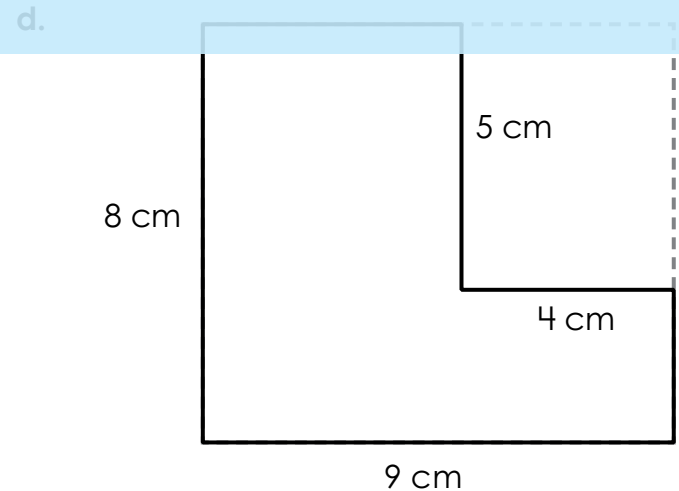
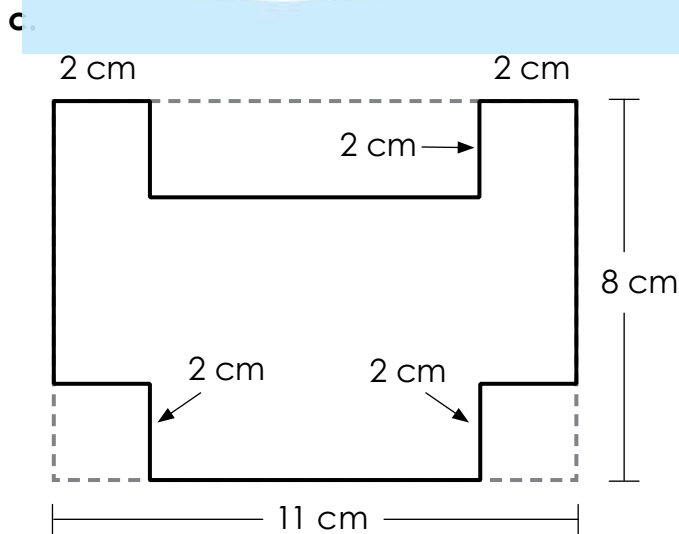
## Area of Composite Figures

Find the area of the outside figure. Then subtract the area of the missing cutouts to find the area of the composite shape. Include square units in your answer.



# Preview

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area of outside figure = \_\_\_\_\_

area of outside figure = \_\_\_\_\_

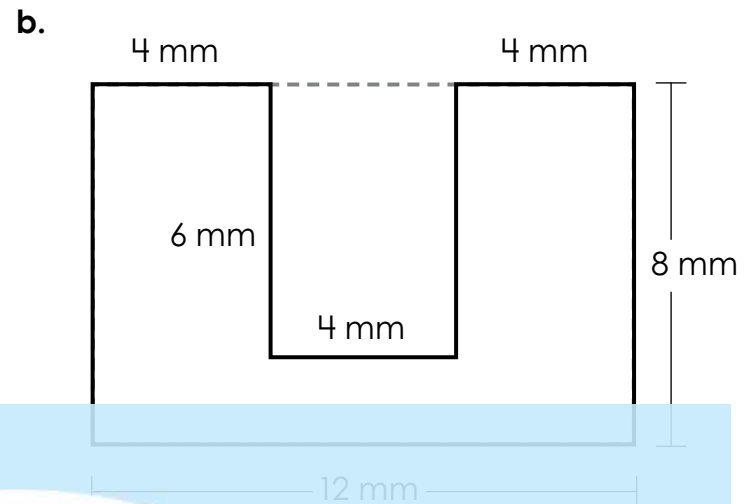
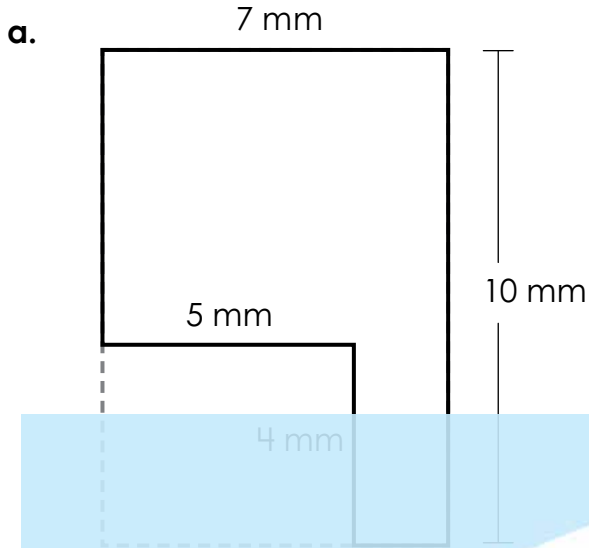
area of composite shape = \_\_\_\_\_

area of composite shape = \_\_\_\_\_

# ANSWER KEY

## Area of Composite Figures

Find the area of the outside figure. Then subtract the area of the missing cutouts to find the area of the composite shape. Include square units in your answer.



area of outside figure =  $7 \text{ mm} \times 10 \text{ mm} = 70 \text{ mm}^2$  area of outside figure =  $12 \text{ mm} \times 8 \text{ mm} = 96 \text{ mm}^2$

area of composite shape =  $70 \text{ mm}^2 - 20 \text{ mm}^2 = 50 \text{ mm}^2$  area of composite shape =  $96 \text{ mm}^2 - 28 \text{ mm}^2 = 68 \text{ mm}^2$



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area of outside figure =  $11 \text{ cm} \times 2 \text{ cm} = 22 \text{ cm}^2$  area of outside figure =  $7 \text{ cm} \times 4 \text{ cm} = 28 \text{ cm}^2$

area of composite shape =  $22 \text{ cm}^2 - 6 \text{ cm}^2 = 16 \text{ cm}^2$  area of composite shape =  $28 \text{ cm}^2 - 6 \text{ cm}^2 = 22 \text{ cm}^2$