# Problem 1



# Problem 1



#### PROBLEM 1A

The logo shown below has a total area of 112 cm<sup>2</sup>. The square has a side length of 8 cm and all of the triangles are identical. Calculate the width of the logo. width

## PROBLEM 1A



## PROBLEM 1B

The logo shown below has a total area of 204 cm<sup>2</sup>. The square has a side length of 12 cm Calculate the width of the logo.



PROBLEM 1B



### PROBLEM 1C

The logo shown below is a made from a square with 2 congruent isosceles triangles removed. It has a total area of  $108 \text{ cm}^2$ . Calculate h.



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## PROBLEM 1C



#### PROBLEM 1D

The logo shown below is a made from a square with side length 6 cm and 4 congruent isosceles. It has a total area of 1.56 cm<sup>2</sup>. Calculate the perimeter of the logo.



#### PROBLEM 1D



#### Problem 1B

Problem 1A

The logo shown below has a total area of  $112 \text{ cm}^2$ . The square has a side length of 8 cm and all of the triangles are identical. Calculate the width of the logo.



#### Problem 1C

The logo shown below is a made from a square with 2 congruent isosceles triangles removed. It has a total area of 108 cm<sup>2</sup>. Calculate h.



The logo shown below has a total area of 204 cm<sup>2</sup>. The square has a side length of 12 cm Calculate the width of the logo.



#### Problem 1D



