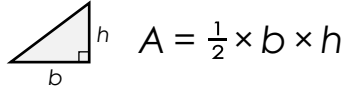


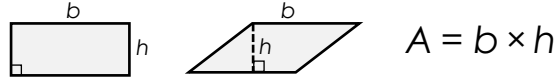
Name: _____

Area of a Parallelogram Challenges

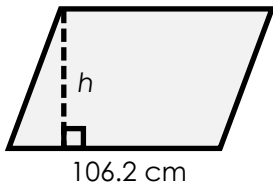
Formula for triangle:



Formula for parallelogram or rectangle:

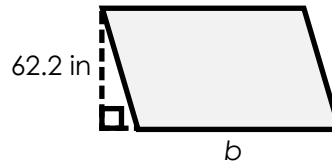


a. Find the height.



The area of this

b. Find the length of the base.

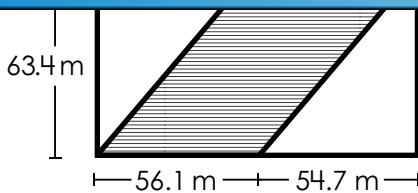


The area of this
parallelogram



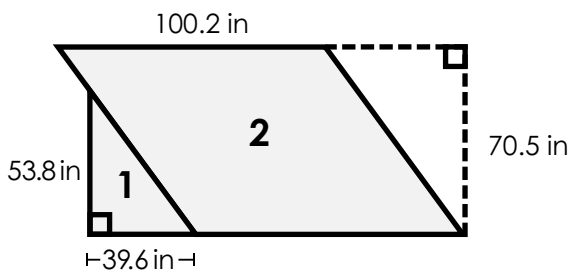
Preview

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(shaded area).

area = _____ area = _____ area = _____



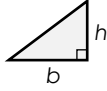
f. Calculate the area of the shape.

area = _____

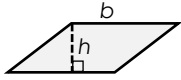

ANSWER KEY

Area of a Parallelogram Challenges

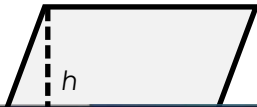
Formula for triangle:


$$A = \frac{1}{2} \times b \times h$$

Formula for parallelogram or rectangle:


$$A = b \times h$$

a. Find the height.



$$7,487.1 = 106.2 \times h$$

$$7,487.1 = 106.2 \times h$$

b. Find the length of the base.



$$6,437.7 = b \times 62.2$$

$$6,437.7 = b \times 62.2$$

Preview

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area = 6,127.34 m