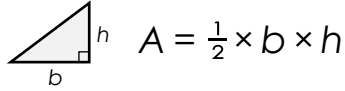


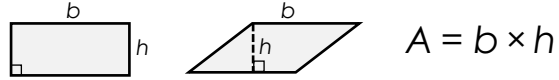
Name: _____

Area of a Parallelogram Challenges

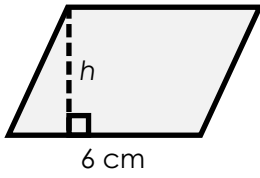
Formula for triangle:



Formula for parallelogram or rectangle:

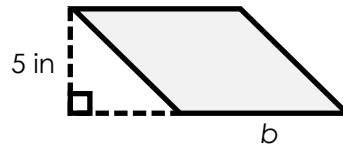


a. Find the height.



The area of this

b. Find the length of the base.



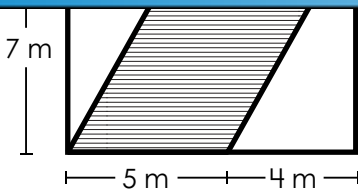
The area of this
parallelogram



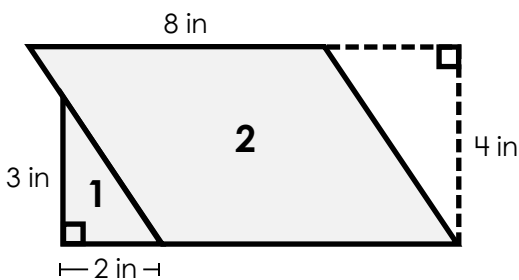
Preview

Please log in to download
the printable version of this worksheet.

(shaded area).



area = _____ area = _____ area = _____



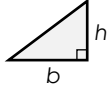
f. Calculate the area of the shape.

area = _____

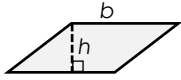

ANSWER KEY

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.

b. Find the length of the base.

$$24 = 6 \times h$$

$$40 = h \times 5$$

Preview

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2 in

area = 35 in²