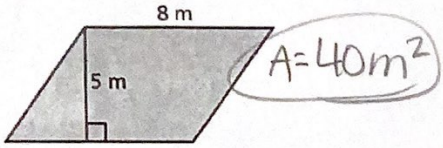
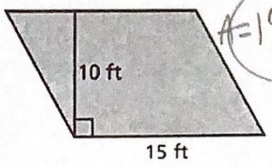
Name _____ Date _____

Lesson 8.1 Extra Practice

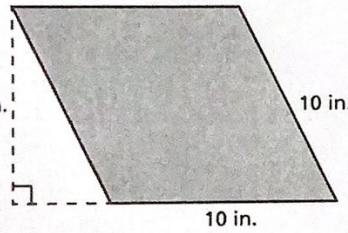
Find the area of the parallelogram.

1. 

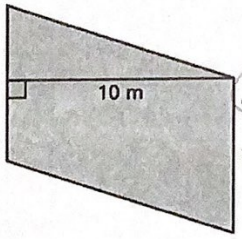
$A = 40 m^2$

2. 

$A = 150 ft^2$

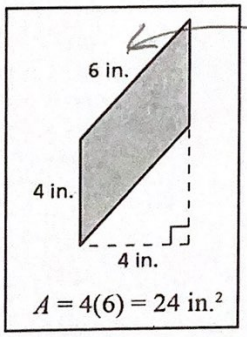
3. 

$A = 90 in^2$

4. 

$A = 70 m^2$

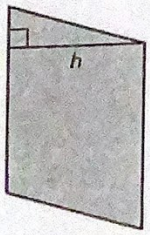
5. Your friend finds the area of the parallelogram. Is your friend correct? Explain your reasoning.



This is a slanted line.

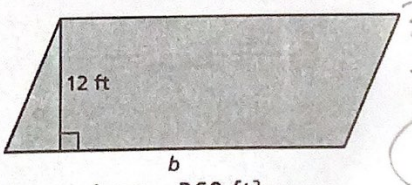
Need to do $4 \cdot 4 = 16 in^2$

Find the missing dimension of the parallelogram.

6. 

Area = 70 m²

$70 = 10 \cdot h$
$\div 10$
$7 m = h$

7. 

Area = 360 ft²

$360 = 12 \cdot b$
$\div 12$
$30 ft = b$

8. The area of a parallelogram-shaped carpet is 216 square feet. The carpet has a base of 18 feet. What is the height of the carpet?

$216 = 18 \cdot h$
$\div 18$
$12 ft = h$

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