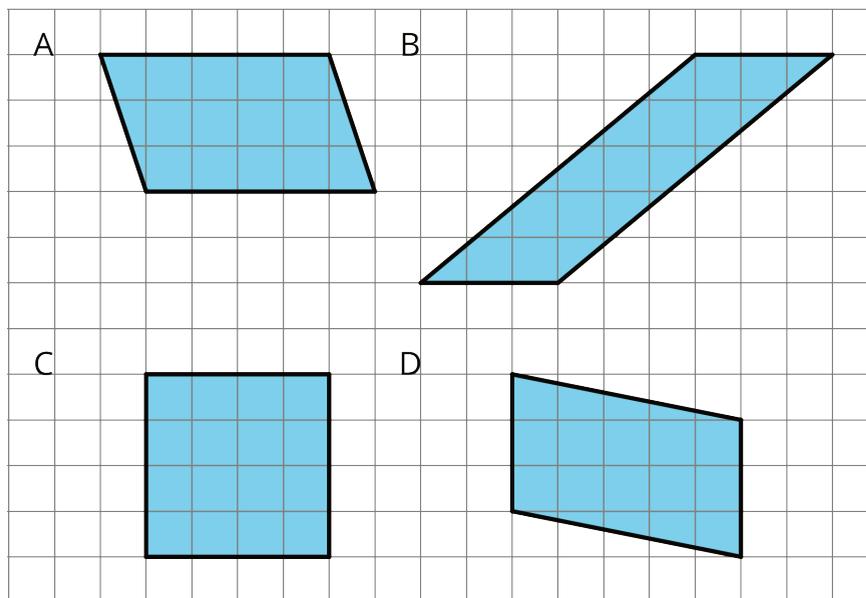


Lesson 6 Practice Problems

1. Which three of these parallelograms have the same area as each other?



- A. A
- B. B
- C. C
- D. D

2. Which pair of base and height produces the greatest area? All measurements are in centimeters.

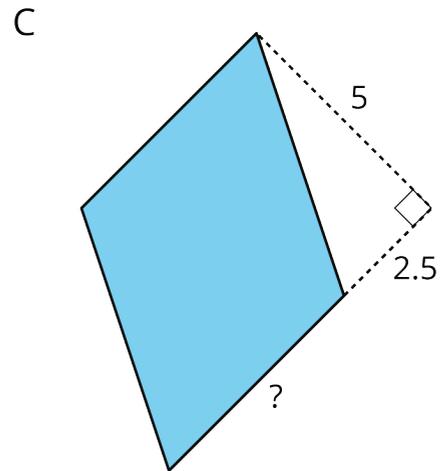
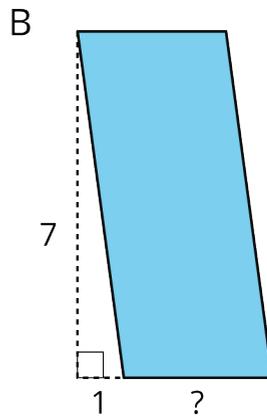
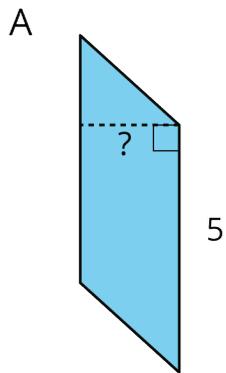
- A. $b = 4, h = 3.5$
- B. $b = 0.8, h = 20$
- C. $b = 6, h = 2.25$
- D. $b = 10, h = 1.4$

3. Here are the areas of three parallelograms. Use them to find the missing length (labeled with a "?") on each parallelogram.

A: 10 square units

B: 21 square units

C: 25 square units

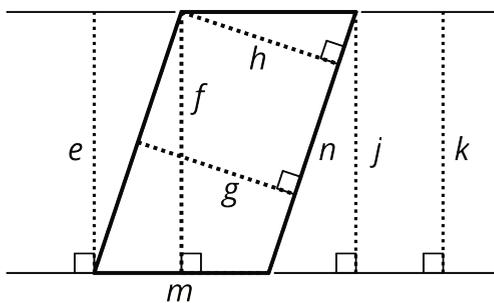


4. The Dockland Building in Hamburg, Germany is shaped like a parallelogram.



If the length of the building is 86 meters and its height is 55 meters, what is the area of this face of the building?

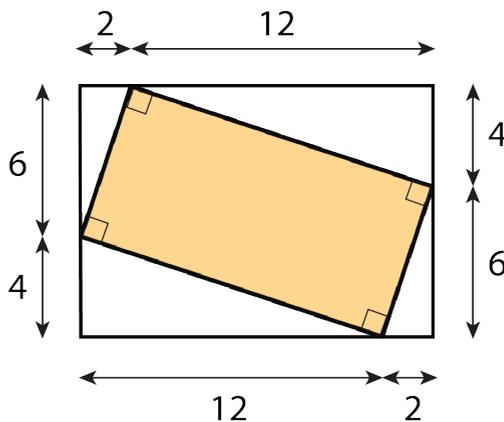
5. Select **all** segments that could represent a corresponding height if the side m is the base.



- A. e
- B. f
- C. g
- D. h
- E. j
- F. k
- G. n

(From Unit 1, Lesson 5.)

6. Find the area of the shaded region. All measurements are in centimeters. Show your reasoning.



(From Unit 1, Lesson 3.)