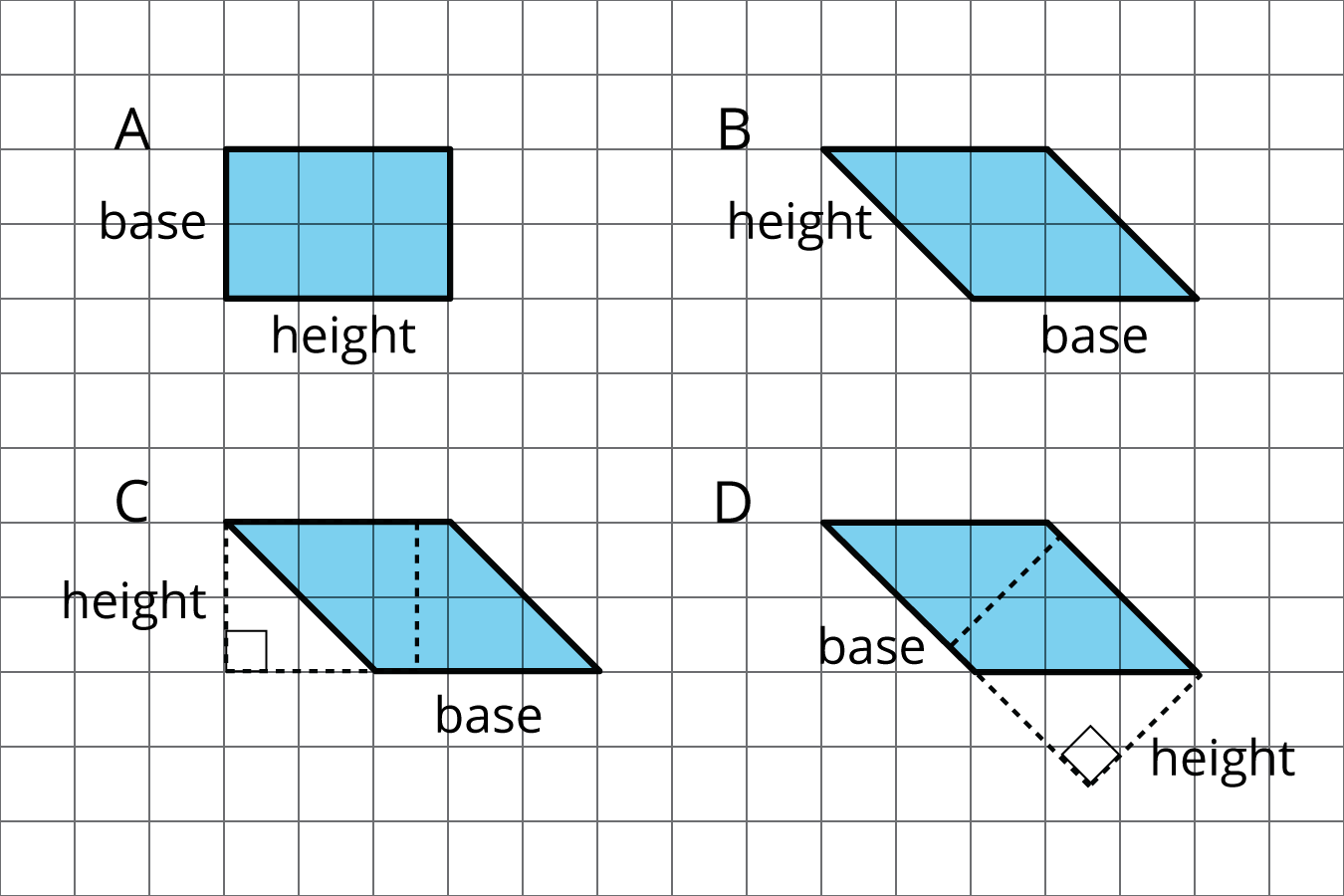
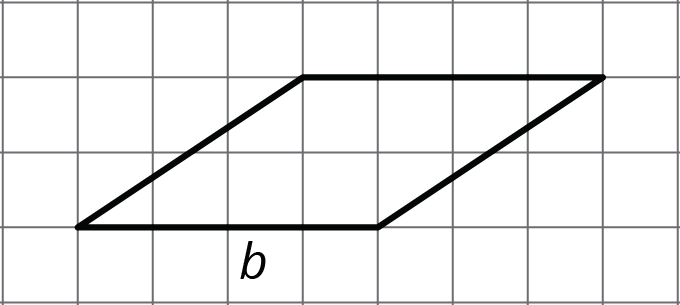
### Lesson 5 Practice Problems

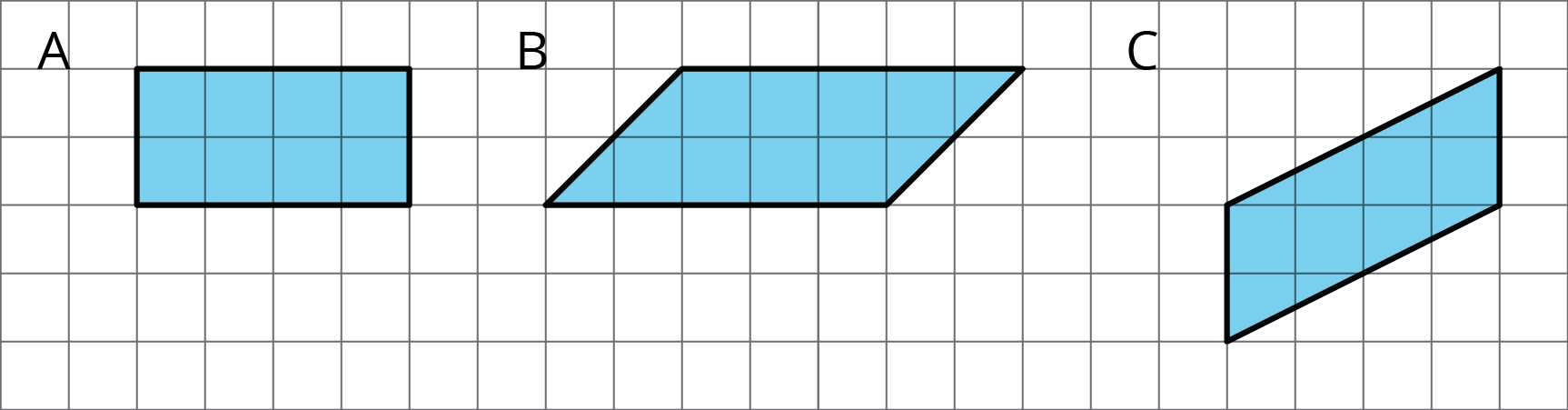
1. Select **all** parallelograms that have a correct height labeled for the given base.

* 
  1. A
  2. B
  3. C
  4. D

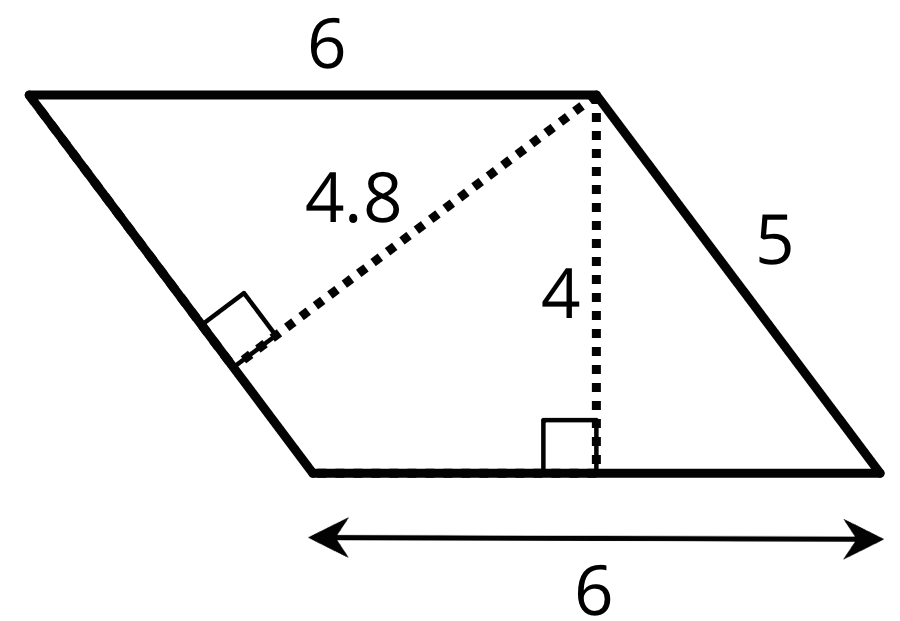
1. The side labeled has been chosen as the base for this parallelogram.

* 
* Draw a segment showing the height corresponding to that base.

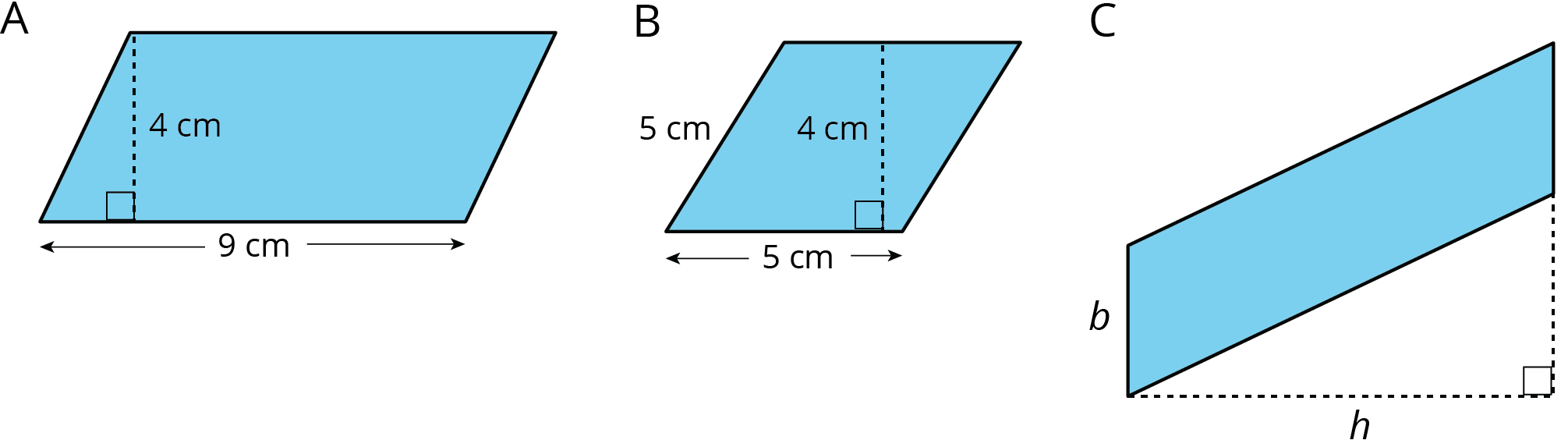
1. Find the area of each parallelogram.

* 

1. If the side that is 6 units long is the base of this parallelogram, what is its corresponding height?

* 
  1. 6 units
  2. 4.8 units
  3. 4 units
  4. 5 units

1. Find the area of each parallelogram.

* 

1. Do you agree with each of these statements? Explain your reasoning.
   1. A parallelogram has six sides.
   2. Opposite sides of a parallelogram are parallel.
   3. A parallelogram can have one pair or two pairs of parallel sides.
   4. All sides of a parallelogram have the same length.
   5. All angles of a parallelogram have the same measure.

* (From Unit 1, Lesson 4.)

1. A square with an area of 1 square meter is decomposed into 9 identical small squares. Each small square is decomposed into two identical triangles.
   1. What is the area, in square meters, of 6 triangles? If you get stuck, consider drawing a diagram.
   2. How many triangles are needed to compose a region that is square meters?

* (From Unit 1, Lesson 2.)



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