### 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 $b$ 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 $1\frac{1}{2}$ square meters?
* (From Unit 1, Lesson 2.)



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