Parallelograms

Geometry & Shapes

Name: _____ Date: _____ Grade 6

1. Select all the shapes that appear to be parallelograms.

☐ **A.**



☐ **B.**



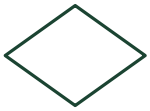
☐ **C.**



☐ **D.**



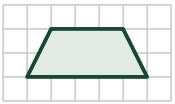
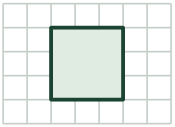
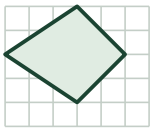
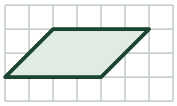
☐ **E.**



☐ **F.**



2. Determine whether each figure is a parallelogram. Explain your thinking.

Figure	Parallelogram? (yes/no)	Explanation
		
		
		
		

3. Select all the true statements.

☐ **A.** A parallelogram can be cut and rearranged to form a rectangle with the same area.

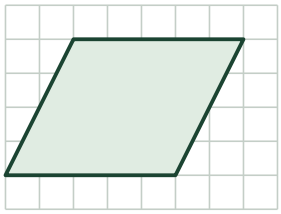
☐ **B.** A parallelogram has exactly one pair of parallel sides.

☐ **C.** A rectangle is a parallelogram.

☐ **D.** A parallelogram always has four right angles.

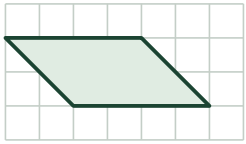
☐ **E.** Opposite sides of a parallelogram are parallel.

4. Use any strategy to determine the area of the parallelogram.



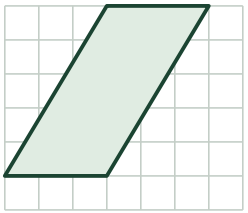
5. Use any strategy to determine the area of each parallelogram.

a



Area: _____

b



Area: _____

6. Draw two different parallelograms on the grid, each with an area of 12 square units.

7. Kenji says he can find the area of this parallelogram by cutting off the triangle on the left side and moving it to the right side to form a rectangle. He says the area is 35 square units. Is Kenji correct? Explain your thinking.

