

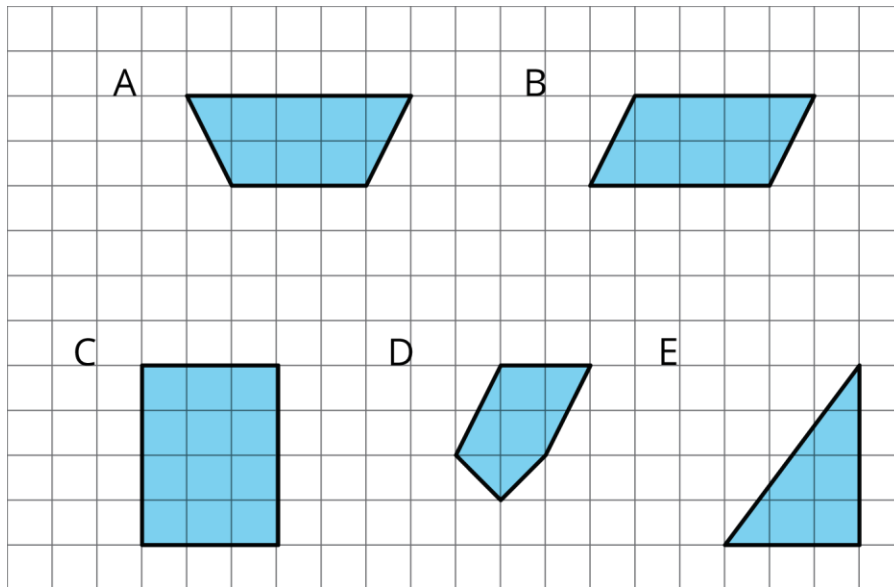
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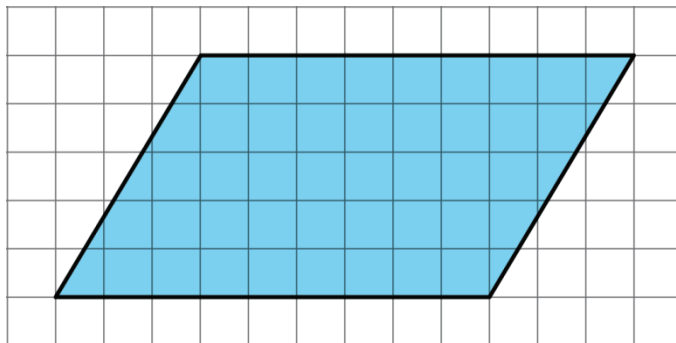
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Unit 1, Lesson 4: Parallelograms

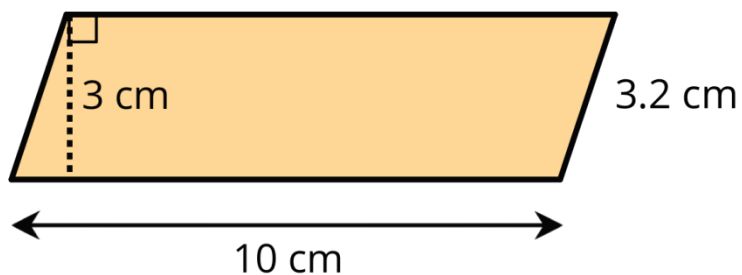
1. Select **all** of the parallelograms. For each figure that is *not* selected, explain how you know it is not a parallelogram.



2. a. Decompose and rearrange this parallelogram to make a rectangle.



- b. What is the area of the parallelogram? Explain your reasoning.
3. Find the area of the parallelogram.

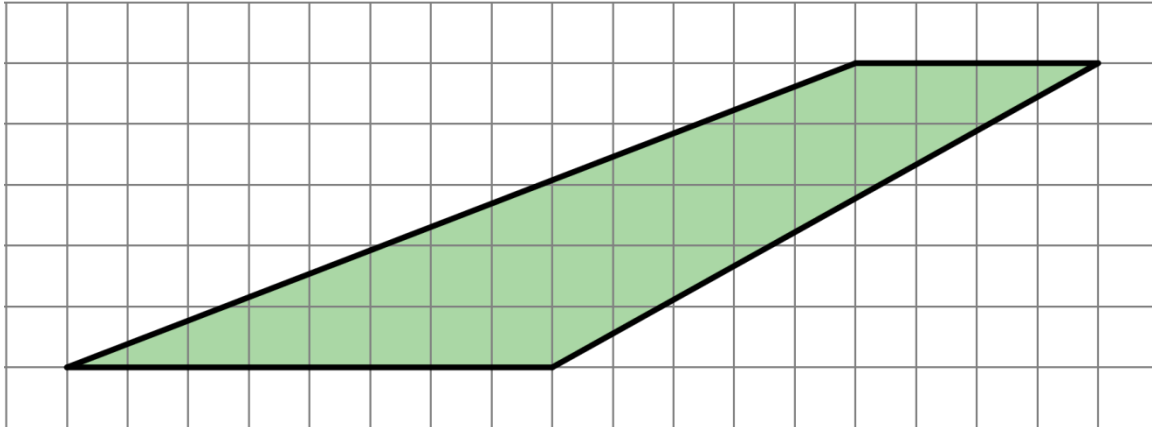


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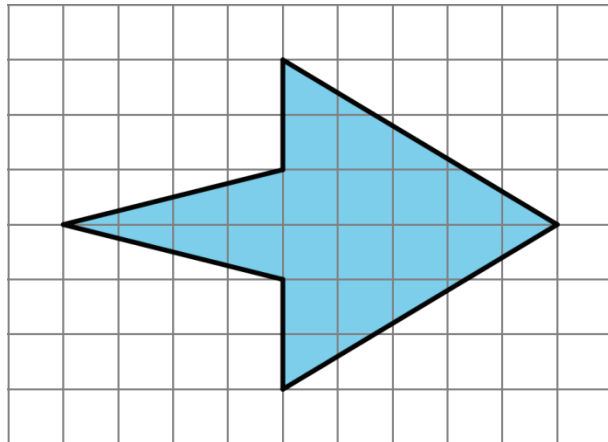
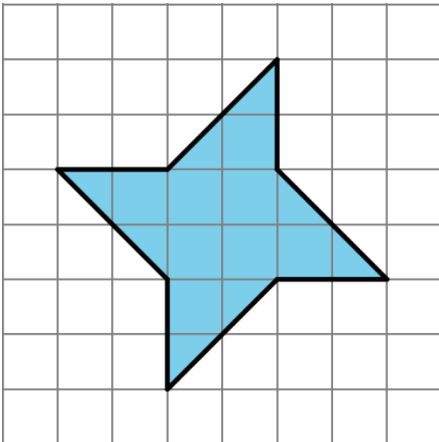
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4. Explain why this quadrilateral is *not* a parallelogram.



5. Find the area of each shape. Show your reasoning.



(from Unit 1, Lesson 3)

6. Find the areas of the rectangles with the following side lengths.

a. 5 in and $\frac{1}{3}$ in

b. 5 in and $\frac{4}{3}$ in

c. $\frac{5}{2}$ in and $\frac{4}{3}$ in

d. $\frac{7}{6}$ in and $\frac{6}{7}$ in

(from Unit 1, Lesson 1)