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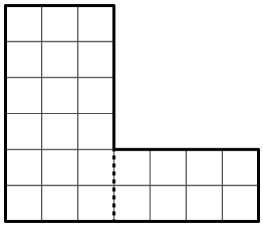
Grade 3, Unit 2, Section C: Additional Practice Problems

1. Noah decomposed the figure below into two rectangles.



a. Correctly complete the sentence.

The area of the larger rectangle is _____ , and

the area of the other rectangle is _____ .

b. What is the area of the figure?

(From Unit 2, Lesson 12.)

2. Mai decomposes the given figure using a dotted line.

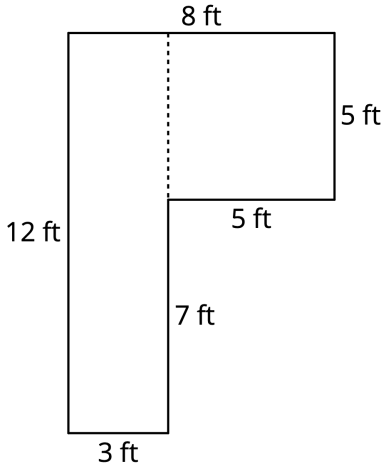
a. Which expression could Mai use to find the area of the figure?

A. $(3\times7) + (5\times5)$

B. $(12\times3) + (8\times5)$

C. $(12\times8) + (5\times7)$

D. $(3\times12) + (5\times5)$



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b. Kiran claims that there is another way to break the figure to find the area.

c. Which expression would Kiran use to find the area of the figure?

A. $(3\times7) + (8\times5)$

B. $(3\times12) + (7\times5)$

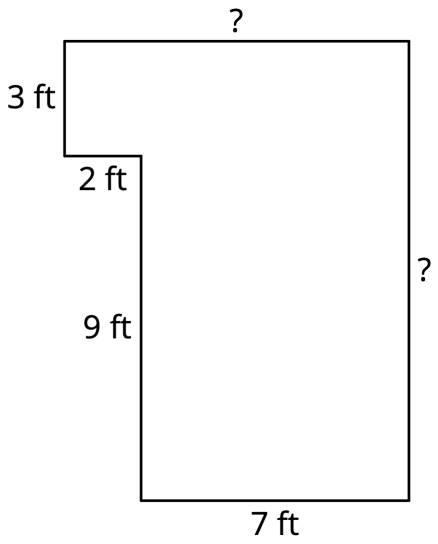
C. $(12\times8) + (8\times5)$

D. $(3\times8) + (12\times5)$

d. What is the area of the figure?

(From Unit 2, Lesson 13.)

3. Find the length of the unknown sides. What is the area of the figure? Show your work.



(From Unit 2, Lesson 14.)

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4. EXPLORATION
   The area of the given figure is 113 square feet. Find the missing side lengths of the figure. Explain your reasoning.