EUREKA MATH<sup>2</sup> 6 ▶ M5 ▶ TD ▶ Lesson 18

LESSON 18

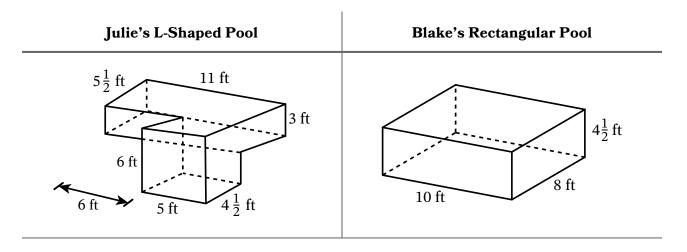
Name Date

## **Volumes of Composite Solids**

## **L-Shaped Solids**

For problems 1–3, all angles in the diagrams are right angles.

1. Which pool has a greater volume? Show how you know.

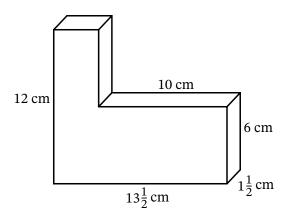


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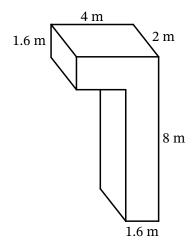
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2. Determine the volume of the solid. Show how you know.



3. Which expression represents the volume of the solid in cubic meters?



- A. (4)(2)(1.6) + (1.6)(2)(8)
- B. (4)(2)(1.6) + (4)(8)(1.6)
- C. (4)(2)(8) + (4)(2)(1.6)
- D. (4)(2)(1.6) + (1.6)(2)(6.4)

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