

CAHSEE on Target
UC Davis School University Partnerships
Answer Key: Geometry/Masurement

On Your Own:

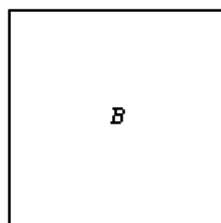
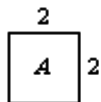
2.1 & 2.4

1. A hand-painted wall hanging measures 12' by 12'. Find the area.



Area = $\underline{12} \bullet \underline{12} = \underline{12^2} = \underline{144} \text{ ft}^2$

2. Find the area of a square with a length of 8". **Area = 64 in²**
3. Find the area of a square whose base is 11'. **Area = 121 ft²**
4. Each side of square A was multiplied by 3 to make square B.



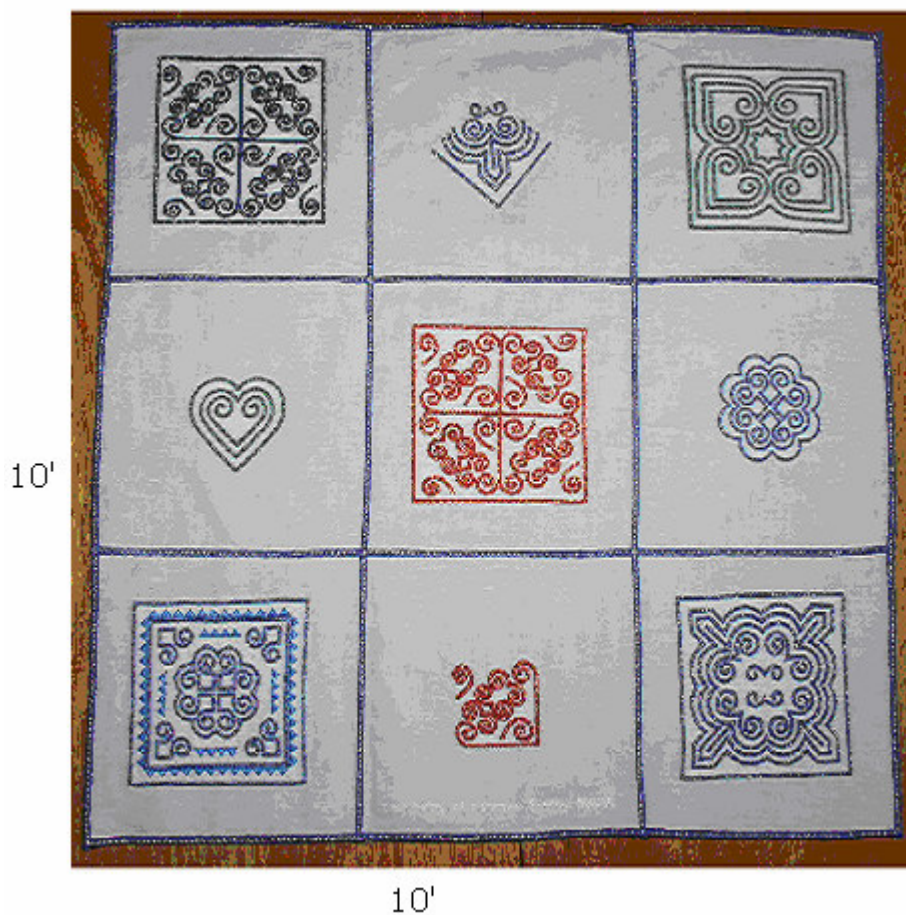
How does the area of square B compare to the area of square A?

- A. It is three times as large.
- B. It is nine times as large.**
- C. It is six times as large.
- D. It is four times as large.

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5. The wall hanging below measures 10' by 10'. Find the **perimeter** and the **area** of the hanging.



Perimeter: 40 ft

Area: 100 ft²