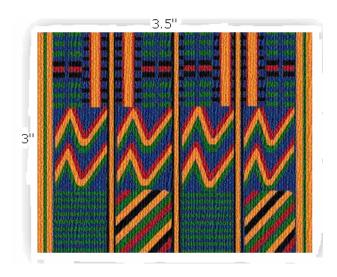
CAHSEE on Target UC Davis School University Partnerships Answer Key: Geometry/Measurement

2.1 & 2.4

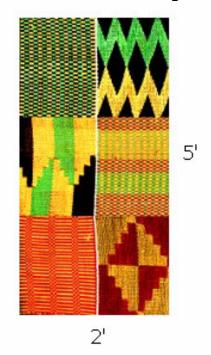
Example: Find the area of the rectangle below.



Area = $3 \text{ in} \cdot 3.5 \text{ in} = 10.5 \text{ square inches}$

On Your Own:

Find the area of the figure below:



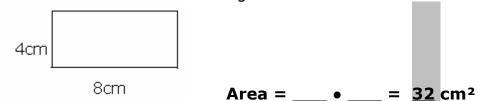
Area = 2' • 5' = <u>10</u> ft²

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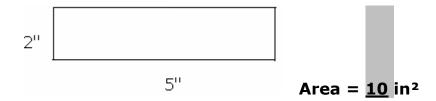
Practice

2.1 & 2.4

1. What is the area of the rectangle below?



2. What is the area of the rectangle below?



3. What is the area of the rectangle in square units?



4. A rectangle has a height of 5 feet and a base of 12 feet. Find the area <u>in square inches</u>.

Height Base

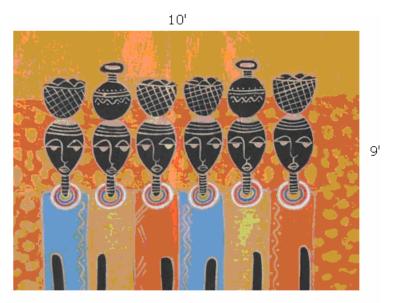
$$5 \text{ ft} = 60 \text{ in}$$
 $12 \text{ ft} = 144 \text{ in}$
 60 in
 $144 \text{ in} = 8640 \text{ in}^2$

Tutors: For hands-on exploration of area, use geoboards. (See the Tutor Supplement for Geoboard Activities.)

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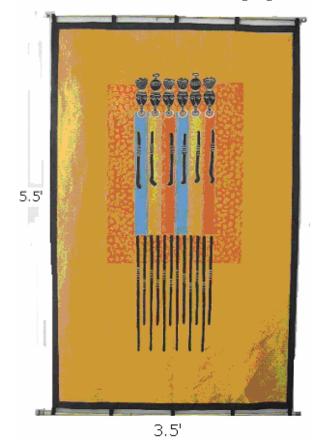
2.1 & 2.4

5. Find the area of the wall hanging below:



 $Area = 90 ft^2$

6. Find the area of the wall hanging below.



Area = 19.25 ft^2