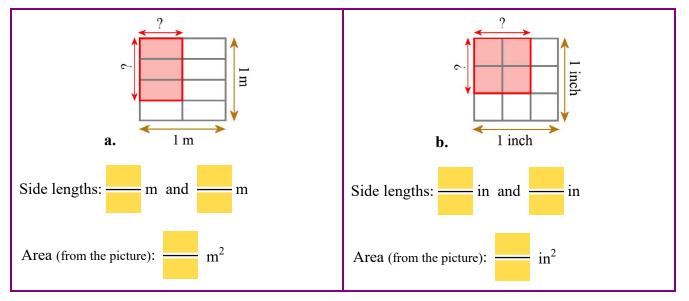
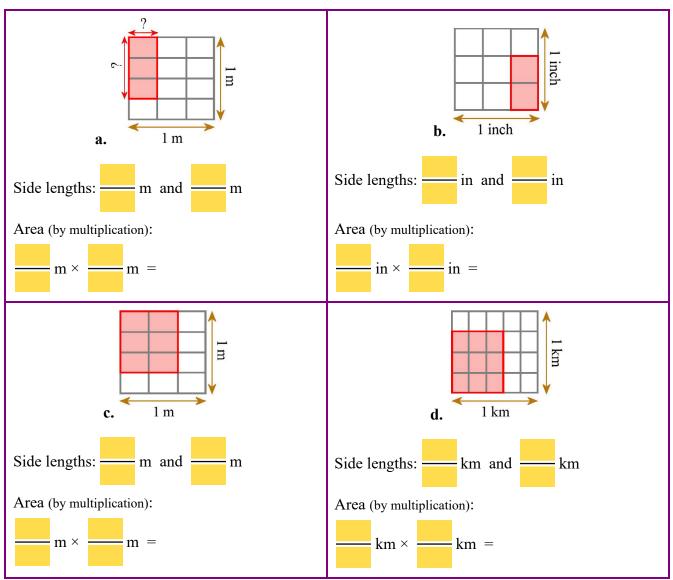


Fraction Multiplication and Area

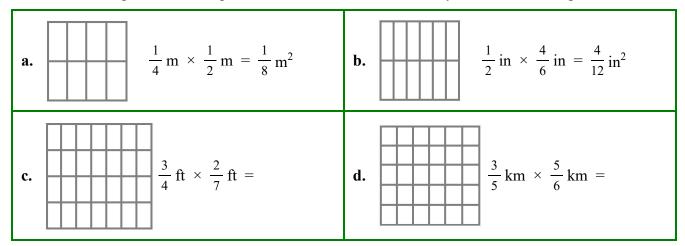
1. Each picture shows some kind of square unit, and a colored rectangle. Figure out the side lengths and the area of the rectangle from the picture.



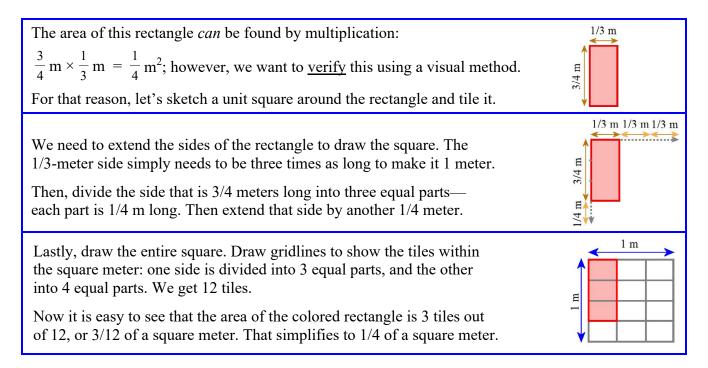
2. Again, figure out the side lengths of the colored rectangle from the picture. Then multiply the side lengths to find its area. <u>Check that the area you get by multiplying is the same as what you can see from the picture.</u>



3. Shade a rectangle inside the square so that its area can be found by the fraction multiplication.



Sample worksheet from www.mathmammoth.com



4. Extend the sides of the rectangle so you get a square meter (unit square). Draw gridlines into the square as in the example above. Write a multiplication for the area of the colored rectangle. <u>Verify</u> that the area you get by multiplying is the same as what you can see in the picture.

