

HW

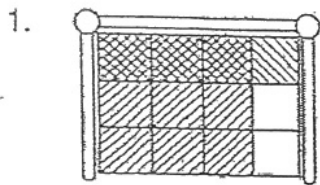
Name: \_\_\_\_\_ Power Skill: Multiplying fractions

### Soccer Savvy

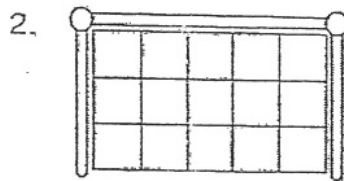


Directions for each problem:

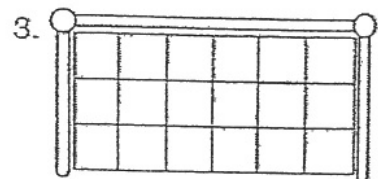
1. Use a red crayon to color the rows that represent the first fraction.
2. Use a yellow crayon to color the columns that represent the second fraction.
3. Count the boxes that are shaded with both colors. Write the fractional amount in the space provided. Then, if possible, reduce your answer to the lowest term. The first one has been done for you.



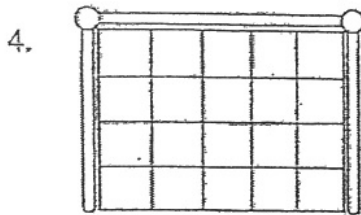
$$\frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$



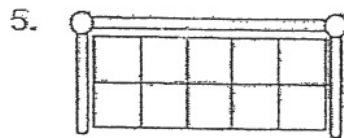
$$\frac{2}{3} \times \frac{2}{5} = \underline{\hspace{2cm}}$$



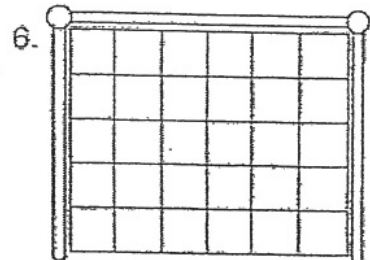
$$\frac{1}{3} \times \frac{5}{6} = \underline{\hspace{2cm}}$$



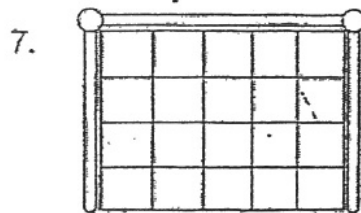
$$\frac{1}{4} \times \frac{3}{5} = \underline{\hspace{2cm}}$$



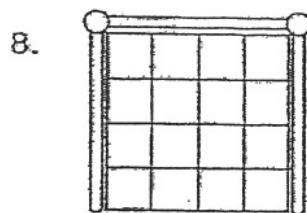
$$\frac{1}{2} \times \frac{2}{5} = \underline{\hspace{2cm}}$$



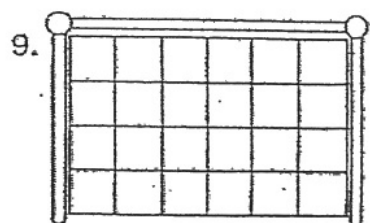
$$\frac{3}{5} \times \frac{5}{6} = \underline{\hspace{2cm}}$$



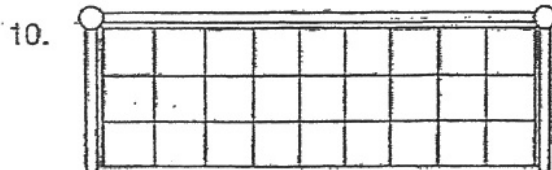
$$\frac{3}{4} \times \frac{3}{5} = \underline{\hspace{2cm}}$$



$$\frac{1}{4} \times \frac{3}{4} = \underline{\hspace{2cm}}$$



$$\frac{2}{4} \times \frac{4}{6} = \underline{\hspace{2cm}}$$



$$\frac{1}{3} \times \frac{4}{9} = \underline{\hspace{2cm}}$$



### BRAINWORK:

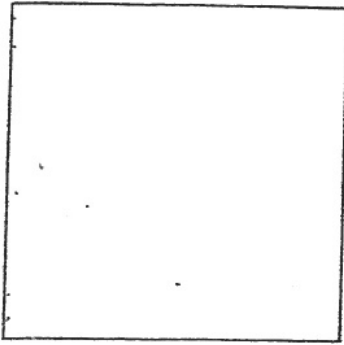
Draw a soccer net similar to the ones above to multiply  $\frac{3}{4}$  and  $\frac{5}{8}$ . Color the boxes in the net to find the answer.

Name: \_\_\_\_\_

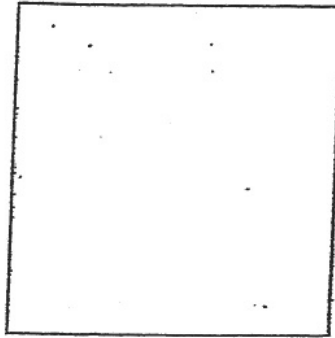
Period: \_\_\_\_\_

### Area Model For Fractions

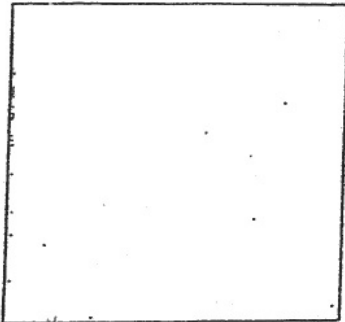
1.  $\frac{3}{4} \times \frac{1}{2} =$



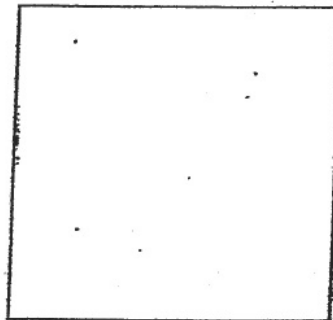
2.  $\frac{1}{5} \times \frac{2}{3} =$



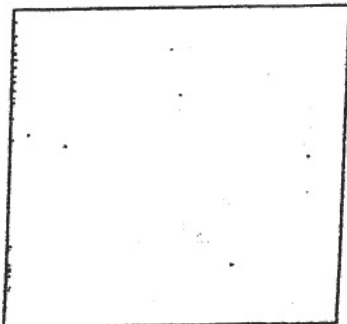
3.  $\frac{1}{2} \times \frac{1}{2} =$



4.  $\frac{3}{4} \times \frac{2}{3} =$



5.  $\frac{1}{3} \times \frac{2}{3} =$



6.  $\frac{3}{4} \times \frac{1}{3} =$

