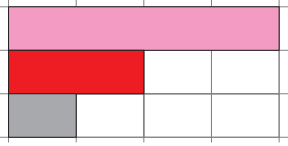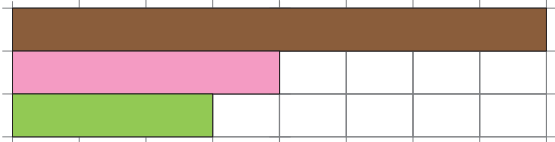1. If the crimson rod is one then what fraction is the red rod?
   If the crimson rod is one then what fraction is the grey rod?

   So what fraction is one half of one half?

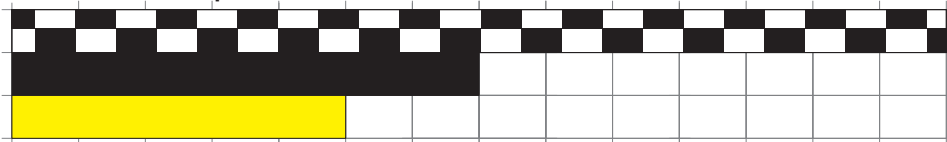 $\frac{1}{2}$ x $\frac{1}{2}$ = [ ]

2. If the brown rod is one then what fraction is the crimson rod?
   If the brown rod is one then what fraction is the light green rod?

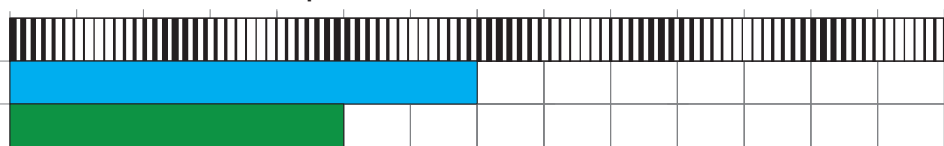   So what fraction is three quarters of one half?

   $\frac{3}{4}$ x $\frac{1}{2}$ = [ ]

3. If the made up checkerboard rod is one then what fraction is the black rod?
   If the made up checkerboard rod is one then what fraction is the yellow rod?
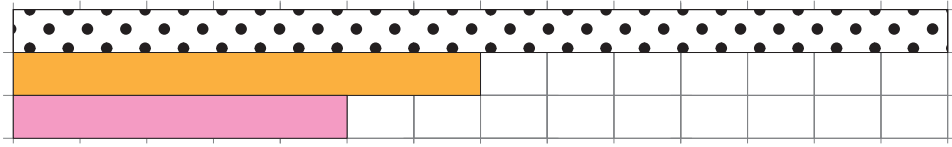
   $\frac{5}{7}$ x $\frac{1}{2}$ = [ ]

4. What fraction multiplication problem can you solve from this diagram? The stripey one rod is made up.

5. What fraction multiplication problem can you solve from this diagram? The dotty one rod is made up.

6. Take care with these examples as the first factor is an improper fraction:

a.

b.