Name:
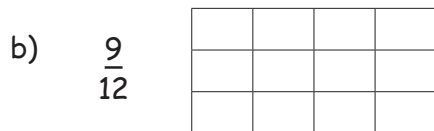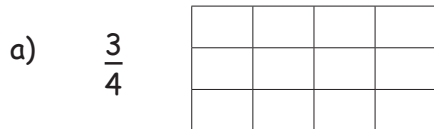
1. Write alongside each of these diagrams the fraction that has been shaded.

a)

b)
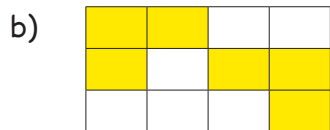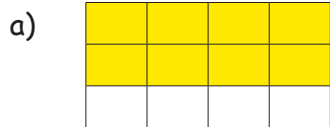
2. On each diagram shade an area to match the fraction alongside the diagram.

a) $\dfrac{3}{4}$

b) $\dfrac{9}{12}$

3. Simplify the following fractions as much as possible.
   [Use SIMP on the calculator if needed.]

a) $\dfrac{4}{12}$

b) $\dfrac{18}{24}$

c) $\dfrac{9}{15}$

d) $\dfrac{6}{18}$

4. Calculate, giving your answer in the simplest form possible.
   Do the exercises by hand first then check on your TI-15 Explorer™.

   a) $\dfrac{1}{2} \times 12$

   b) $\dfrac{2}{3} \times \dfrac{1}{5}$

   c) $\dfrac{1}{5} \times \dfrac{2}{3}$

   d) $\dfrac{2}{5} \times \dfrac{5}{8}$

5. Calculate, giving your answer in the simplest form possible.
   Do the exercises by hand first then check on your TI-15 Explorer™.

   a) $\dfrac{3}{4} \div 3$

   b) $\dfrac{3}{4} \div \dfrac{1}{3}$

   c) $2 \div \dfrac{1}{2}$

   d) $\dfrac{3}{5} \div \dfrac{6}{10}$