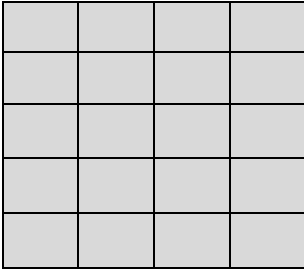
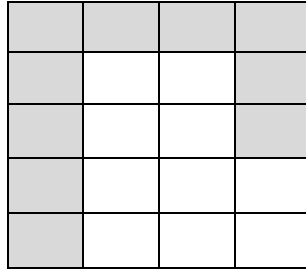


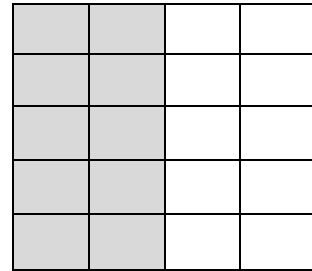
Multiplication of Fractions



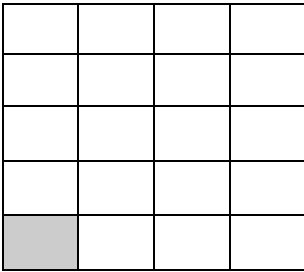
Full (whole or one)



Half

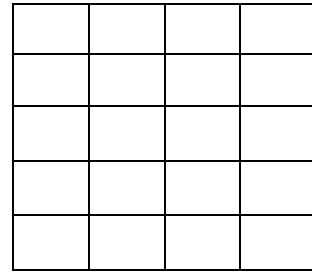
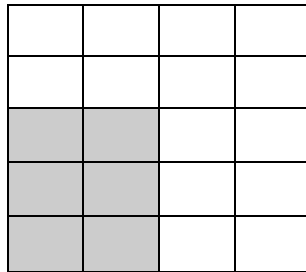


Half



$\frac{1}{5}$

$\frac{3}{5}$

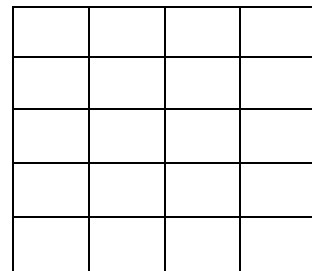
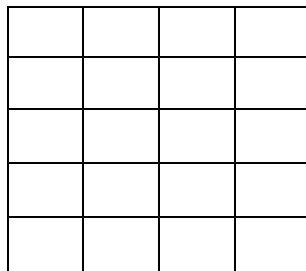
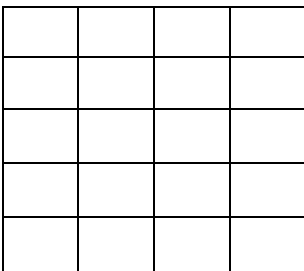


$$\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$$

$$\frac{2}{4} \times \frac{3}{5} = \frac{6}{20}$$

(Note: the right hand side of the

equality is obtained by symmetry, by querying what part of the total number of grids is shaded.)



1. Shade the fraction that corresponds to $\frac{4}{5} \times \frac{3}{4} = \frac{12}{20}$

2. Give three other fraction multiplications of your own with denominator (bottom number) 20.

3. What can you say about multiplication of fractions? Summarize in words.