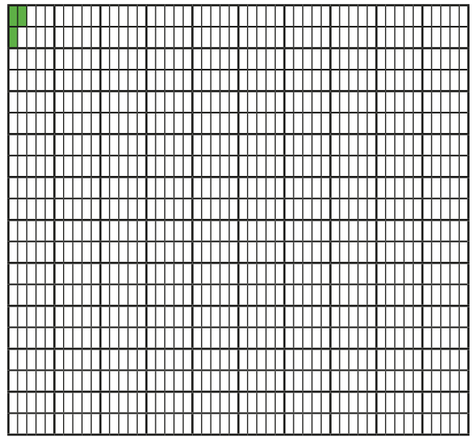
Thousandths as fractions

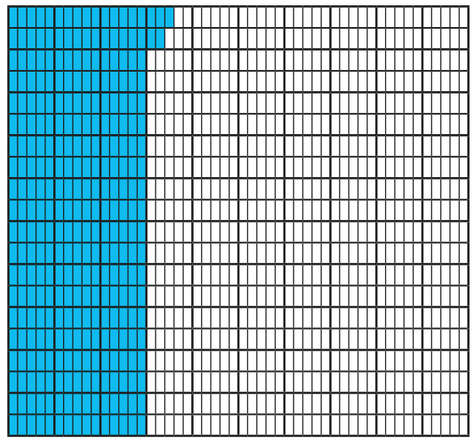
1 Write the fractions shown on the thousand squares.

a)



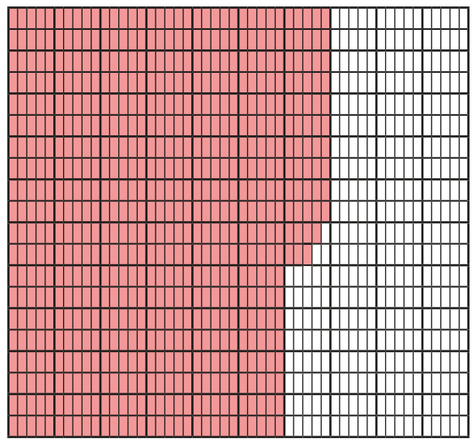
$\frac{\square}{1000}$

b)



$\frac{\square}{1000}$

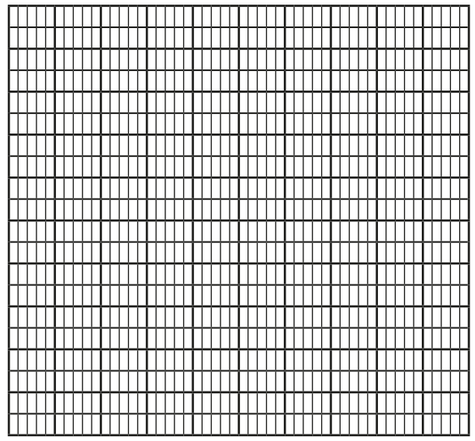
c)



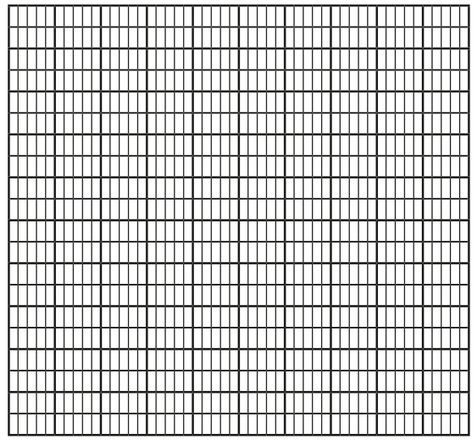
$\frac{\square}{1000}$

2 Shade the grids to represent the fractions.

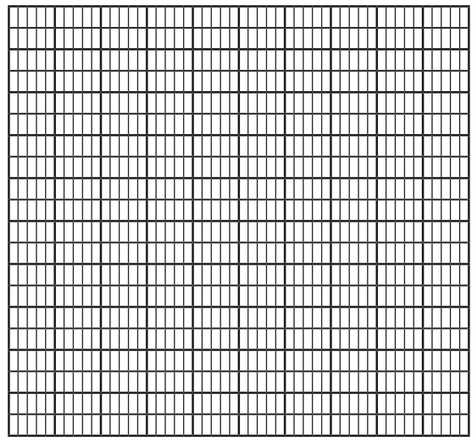
a) $\frac{73}{1000}$



b) $\frac{142}{1000}$



c) $\frac{302}{1000}$



3 Tommy is using base 10 to represent fractions.

He uses  to represent 1 whole.

He uses  to represent $\frac{1}{10}$

He uses to represent $\frac{1}{100}$

He uses to represent $\frac{1}{1000}$

Use Tommy's base 10 representations to help you answer the questions.

a) How many thousandths are equivalent to $\frac{1}{100}$?

b) How many thousandths are equivalent to $\frac{3}{100}$?

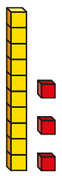
c) How many thousandths are equivalent to $\frac{1}{10}$?

d) How many thousandths are equivalent to $\frac{4}{10}$?

e) How many thousandths are equivalent to 1?

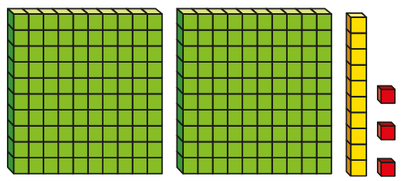
4 If  = 1, what fractions are represented?

a)



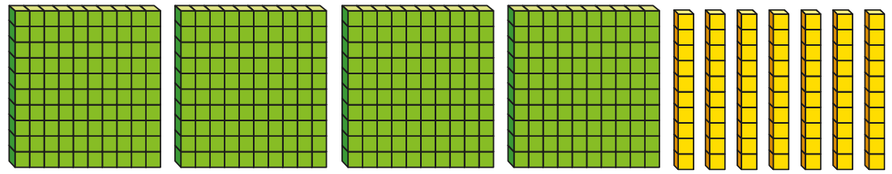
$\frac{\square}{1000}$

b)



$\frac{\square}{1000}$

c)



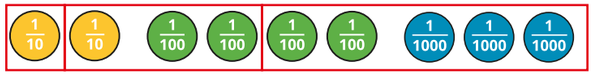
$\frac{\square}{1000}$

5 Use the place value counters to complete the partitions.

$\frac{243}{1000} = \frac{2}{10} + \frac{\square}{100} + \frac{\square}{1000}$

$\frac{243}{1000} = \frac{\square}{10} + \frac{14}{100} + \frac{\square}{1000}$

$\frac{243}{1000} = \frac{\square}{10} + \frac{\square}{100} + \frac{\square}{1000}$



$\frac{243}{1000} = \frac{\square}{10} + \frac{\square}{100} + \frac{\square}{1000}$

6 Partition $\frac{685}{1000}$ in three different ways.

Compare answers with a partner.