1. Complete the table.

<table>
<thead>
<tr>
<th>Hundred square</th>
<th>Words</th>
<th>Fraction</th>
<th>Decimal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>thirty-six hundredths</td>
<td>$\frac{36}{100}$</td>
<td>0.36</td>
</tr>
<tr>
<td></td>
<td>eighty-two hundredths</td>
<td>$\frac{82}{100}$</td>
<td>0.82</td>
</tr>
<tr>
<td></td>
<td>twenty-seven hundredths</td>
<td>$\frac{27}{100}$</td>
<td>0.27</td>
</tr>
<tr>
<td></td>
<td>twelve hundredths</td>
<td>$\frac{12}{100}$</td>
<td>0.12</td>
</tr>
<tr>
<td></td>
<td>seven tenths</td>
<td>$\frac{7}{10}$</td>
<td>0.7</td>
</tr>
<tr>
<td></td>
<td>three tenths</td>
<td>$\frac{3}{10}$</td>
<td>0.3</td>
</tr>
</tbody>
</table>

2. Draw decimal place value counters to represent the numbers.
   a) 0.03
   b) 0.6
   c) 0.63
   d) 0.36

3. The counters represent tenths and hundredths.
   a) Match the decimals to the groups of counters.
      
      b) Write each decimal as a fraction.
      
      $0.04 = \frac{4}{100}$
      $0.4 = \frac{4}{10}$
      $0.14 = \frac{14}{100}$
      $0.41 = \frac{41}{100}$
4. Shade the hundred squares to represent 12 hundredths in three different ways. Compare answers with a partner. What is the same? What is different?

5. Match the decimals to the descriptions. Some of the numbers can be described in two ways.

- 1.3
  - one tenth and three hundredths
  - thirty hundredths

- 0.03
  - one and three tenths
  - thirteen tenths

- 0.3
  - thirteen hundredths
  - three tenths

- 0.13
  - three hundredths

6. Shade the hundred squares to represent 12 hundredths in three different ways.

   Various answers

       Compare answers with a partner.
       What is the same? What is different?

7. 0.6 of the hundred square is shaded.

   6 tenths of the hundred square is shaded.

   Who do you agree with? None
   Explain why.