1. Half of the hundred square is shaded.
   a) How many hundredths are shaded? 50
   b) How many tenths are shaded? 5
   c) Complete the equivalent fractions.
      \[
      \frac{1}{2} = \frac{50}{100}, \quad \frac{1}{4} = \frac{25}{100}
      \]
   d) Write \( \frac{1}{2} \) as a decimal. 0.5

2. Here is a blank hundred square.
   a) Shade \( \frac{1}{4} \)
   b) How many hundredths are shaded? 25
   c) Complete the equivalent fraction.
      \[
      \frac{1}{4} = \frac{25}{100}
      \]
   d) Write \( \frac{1}{4} \) as a decimal. 0.25

3. Here is a blank hundred square.
   a) Shade \( \frac{3}{4} \)
   b) How many hundredths are shaded? 75
   c) Complete the equivalent fraction.
      \[
      \frac{3}{4} = \frac{75}{100}
      \]
   d) Write \( \frac{3}{4} \) as a decimal. 0.75

4. I don't need to shade a hundred square to write \( \frac{3}{4} \) as a decimal because I already know what \( \frac{1}{2} \) and \( \frac{1}{4} \) are as decimals.

   How does this help Annie?

5. Both Rekenreks represent one quarter.
   Is the statement true or false? \text{true.}
   Talk about it with a partner.

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6. Fill in the missing fractions and decimals on the number line.

\[ \begin{array}{cccc}
\frac{1}{4} & \frac{1}{2} & 0.75 & 1
\end{array} \]

0 0.25 0.5 0.75 1

7. Complete the equivalent fractions and decimals.

a) \( \frac{25}{100} = 0.25 \)
b) \( \frac{75}{100} = 0.75 \)
c) \( \frac{1}{4} = 0.25 \)
d) \( \frac{3}{4} = 0.75 \)
e) \( \frac{25}{100} = \frac{1}{4} \)
f) \( \frac{3}{4} = \frac{75}{100} \)
g) \( 0.5 = \frac{1}{2} \)
h) \( \frac{50}{100} = \frac{1}{2} \)

8. Draw a bar model to show that \( \frac{1}{2} \) is equivalent to 0.5

This bar model shows that \( \frac{1}{2} \) is equivalent to 0.5

\[ \begin{array}{ccc}
0.5 & 1 & 0.5
\end{array} \]

9. Use your knowledge of equivalent fractions to convert between fractions and decimals.

a) \( \frac{2}{4} = 0.5 \)
b) \( \frac{5}{20} = 0.25 \)
c) \( \frac{3}{4} = 0.75 \)
d) \( 0.25 = \frac{6}{24} \)
e) \( \frac{34}{68} = 0.5 \)
f) \( 0.75 = \frac{300}{400} \)