1. The hundred square represents 1 whole.

What fraction of each hundred square is shaded?

a) \(\frac{2}{10}\)

b) \(\frac{5}{10}\)

c) \(\frac{7}{10}\)

d) \(\frac{34}{100}\)

2. Here is a hundred square.

What fraction of the whole does each represent?

a) 4 full rows = \(\frac{4}{10}\)

b) 6 full columns = \(\frac{6}{10}\)

c) 13 squares = \(\frac{13}{100}\)

d) 2 full rows and 5 squares = \(\frac{25}{100}\)

e) 3 full columns and 8 squares = \(\frac{38}{100}\)

3. Complete the sentences.

a) 4 tenths is equivalent to \(\frac{40}{100}\) hundredths.

b) 70 hundredths is equivalent to \(\frac{7}{10}\) tenths.

c) 5 tenths is equivalent to \(\frac{50}{100}\) hundredths or 1 \(\text{half}\)
6 Complete the part-whole models.

a)  \[
\begin{align*}
23_{\frac{100}{100}} &= \frac{2}{10} + \frac{3}{100} \\
39_{\frac{100}{100}} &= \frac{3}{10} + \frac{9}{100}
\end{align*}
\]

b)  \[
\begin{align*}
47_{\frac{100}{100}} &= \frac{4}{10} + \frac{7}{100} \\
20_{\frac{100}{100}} &= \frac{2}{10} + \frac{0}{100}
\end{align*}
\]

d)  \[
\begin{align*}
\end{align*}
\]

7 Annie  \[
\frac{73}{100} = \frac{7}{10} + \frac{3}{100}
\]
Ron  \[
\frac{73}{100} = \frac{6}{10} + \frac{13}{100}
\]

Who is correct? Both

How many ways can you partition \(\frac{73}{100}\)?
\[
\begin{align*}
\frac{73}{100} &= \frac{5}{10} + \frac{23}{100} & \frac{73}{100} &= \frac{3}{10} + \frac{43}{100} & \frac{73}{100} &= \frac{1}{10} + \frac{63}{100} \\
\frac{73}{100} &= \frac{4}{10} + \frac{33}{100} & \frac{73}{100} &= \frac{2}{10} + \frac{53}{100}
\end{align*}
\]

4 One row is one tenth and one column is one tenth, so if I colour one row and one column on my hundred square I will have shown 2 tenths.

Is Dexter correct? No

Explain your answer. You may use the hundred square to help you.

There are only 19 squares coloured in not 20

5 Tick the hundred squares with \(\frac{23}{100}\) shaded.