Unit 8: Fractions (I)

Lesson 1: Tenths and hundredths (1)

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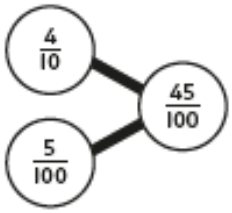
1. a) 9 tenths are shaded. $\frac{9}{10}$ are shaded.
b) 83 hundredths are shaded. $\frac{83}{100}$ are shaded.
c) 7 tenths are shaded.
d) 3 tenths are shaded. $\frac{3}{10}$ are shaded.
e) 65 hundredths are shaded. $\frac{65}{100}$ are shaded.

2. a) 7 squares shaded on the tenths grid; 70 squares shaded on the hundredths grid.
b) 31 squares shaded on the hundredths grid. $\frac{69}{100}$ are not shaded.

3. Explanations will vary; for example:
Andy is correct because 96 squares are shaded on the hundredths grid and each square is $\frac{1}{100}$.
Bella is correct because $\frac{9}{10} + \frac{6}{100} = \frac{90}{100} + \frac{6}{100} = \frac{96}{100}$.
Emma is correct because $\frac{8}{10} + \frac{16}{100} = \frac{80}{100} + \frac{16}{100} = \frac{96}{100}$.

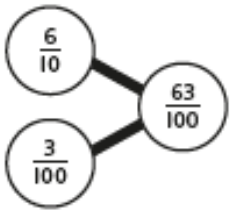
4. There are 4 tenths and 5 hundredths.

$\frac{4}{10} + \frac{5}{100} = \frac{45}{100}$



There 6 tenths and 3 hundredths.

$\frac{6}{10} + \frac{3}{100} = \frac{63}{100}$



Reflect

Methods may vary; for example:
Divide the square piece of paper into one hundred smaller squares. Shading 10 squares would give a tenth and shading 1 square would equal a hundredth.