## National Curriculum Objectives:

Mathematics Year 4: (4F6b) Recognise and write decimal equivalents of any number of tenths or hundredths

## Differentiation:

Questions 1, 4 and 7 (Reasoning)
Developing Explain which statement is correct using decimals smaller than one.
Expected Explain which statement is correct using decimals smaller than one and zero as a place holder.
Greater Depth Explain which statement is correct using decimals greater than one and zero as a place holder.

Questions 2, 5 and 8 (Problem Solving)
Developing Use three digit cards to make three decimals less than one, demonstrating understanding by including equivalent fractions. Zero given in ones.
Expected Use four digit cards to make three decimals less than one, demonstrating understanding by including equivalent fractions.
Greater Depth Use six digit cards to make three decimals greater than one, demonstrating understanding by including equivalent fractions.

Questions 3, 6 and 9 (Reasoning)
Developing Explain whether an inequality statement is correct using decimals less than one, some visual support.
Expected Explain whether an inequality statement is correct using decimals less than one with zero as a place holder.
Greater Depth Explain whether an inequality statement is correct using decimals greater than one with zero as a place holder.

## More Year 3 and 4 Fractions and Decimals resources.

la. Who is correct?

$$
\frac{68}{100}=0.68
$$



Explain your answer.

2a. Use the digit cards to make three decimals less than one.


Write the equivalent fraction for each decimal you create.

Ba. Is this statement correct?


Explain your answer.
lb. Who is correct?

$$
\frac{24}{100}=0.42
$$



Explain your answer.

Db. Use the digit cards to make three decimals less than one.


Write the equivalent fraction for each decimal you create.

Bb. Is this statement correct?


Explain your answer.


7a. Who is correct?
1 and $\frac{75}{100}=1.85$

| The decimal number is |
| :--- |
| one hundredth greater |
| than the fraction. |


| The decimal number is |
| :---: |
| ten hundredths greater |
| than the fraction. |

Explain your answer.

7b. Who is correct?

$$
1 \text { and } \frac{50}{100}=1.51
$$

 John


Explain your answer.

8b. Use the digit cards to make three decimals that are greater than one with a hundredths digit less than four.



