20.01.22

WALT: Convert fractions to percentages

Fluency

2 **a)** Shade hundred squares to represent the fractions.

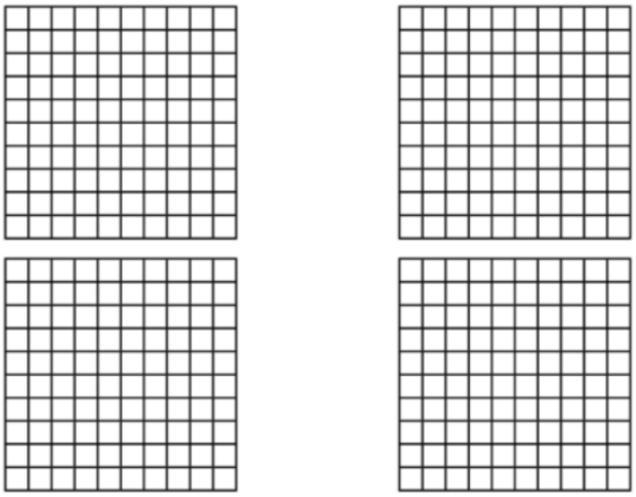
$\frac{40}{100}$ $\frac{65}{100}$

$\frac{1}{2}$ $\frac{7}{10}$

b) Write the fractions as percentages.

c) Compare your shaded grids with a partner's.

What is the same and what is different?



3 Fill in the missing numbers.

a) $\frac{9}{10} = \frac{\square}{100} = \square\%$ **c)** $\frac{9}{50} = \frac{\square}{100} = \square\%$

b) $\frac{9}{20} = \frac{\square}{100} = \square\%$ **d)** $\frac{9}{25} = \frac{\square}{100} = \square\%$

Varied Fluency

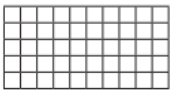
5 Convert the fractions to percentages.

a)	**b)**	**c)**	**d)**
$\frac{1}{4}$	$\frac{1}{5}$	$\frac{16}{20}$	$\frac{45}{50}$
$\frac{1}{2}$	$\frac{2}{5}$	$\frac{8}{20}$	$\frac{9}{10}$
$\frac{3}{4}$	$\frac{4}{5}$	$\frac{4}{20}$	$\frac{18}{20}$

e) What do you notice?

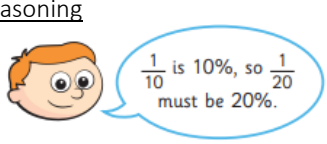
6 **a)** Shade the grid in the given proportions.

- $\frac{3}{5}$ green
- 14% red
- $\frac{4}{20}$ blue
- the rest yellow



b) What percentage of the grid is yellow?

Reasoning



Explain the mistake that Ron has made.

What is the correct answer?

Problem Solving – Mastery

7 **a)** Use each digit card once to make the statements correct.

$\frac{\square}{\square} > \square\%$ $75\% = \frac{\square}{4}$ $\frac{3}{\square} < 65\%$

b) Are there any other solutions?