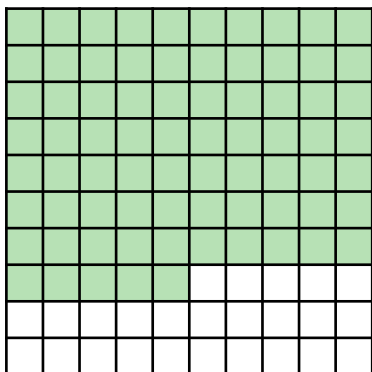


Order FDP

1. Write an equivalent fraction, decimal and percentage to represent the shaded part of the 100 square.



VF

4. Georgia says,



I can convert a fraction to a percentage by multiplying the numerator and denominator by 100.

Do you agree with Georgia?

Prove it.

R

2. Use $<$, $>$, or $=$ to complete the statements.

A. 0.86 69%

B. 40% $\frac{4}{10}$

C. 0.03 30%

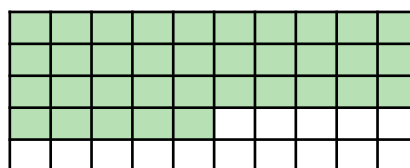
D. $\frac{3}{20}$ 15%

VF

5. Edward thinks that 60% of the squares are shaded.

Jessie thinks that $\frac{9}{10}$ of the squares are shaded.

Joseph thinks that 0.7 of the squares are shaded.



Who is correct? Convince me.

R

3. Find the incorrect conversion.

A. $\frac{3}{5} = 60\%$

B. $\frac{8}{10} = 0.8$

C. $\frac{6}{25} = 25\%$

D. $\frac{71}{100} = 0.71$

VF

6. Use the clues to work out an equivalent fraction, decimal and percentage.

As a decimal, the sum of my digits is 9.

The fraction has an even numerator and an odd denominator. The difference between them is the tenths in my decimal.

As a percentage, the difference between my digits is 5.

PS

Order FDP

1. $\frac{3}{4}$, 0.75, 75%
2. A. >; B. =; C. <; D. =
3. C
4. Georgia is incorrect. To convert a fraction to a percentage, the fraction must first be multiplied so that the denominator is 100, rather than be multiplied by 100. For example, to convert $\frac{7}{25}$ to a percentage, the denominator and numerator must be multiplied by 4 to find the equivalent fraction over 100 because $25 \times 4 = 100$; $\frac{7}{25} = \frac{28}{100} = 28\%$.
5. Joseph is correct. 35 out of 50 squares are shaded, which is equivalent to 0.7 or 70%.
6. The clues are referring to $\frac{18}{25}$, 0.72 and 72%.