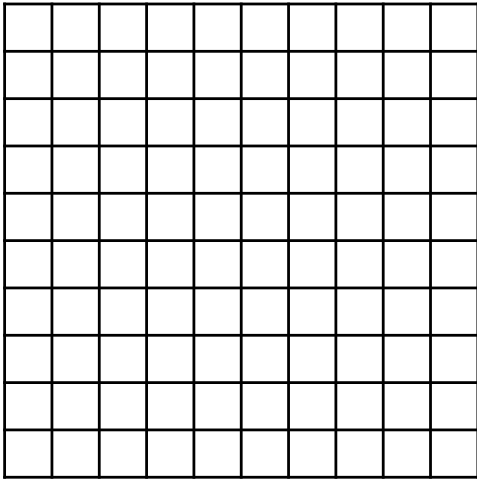
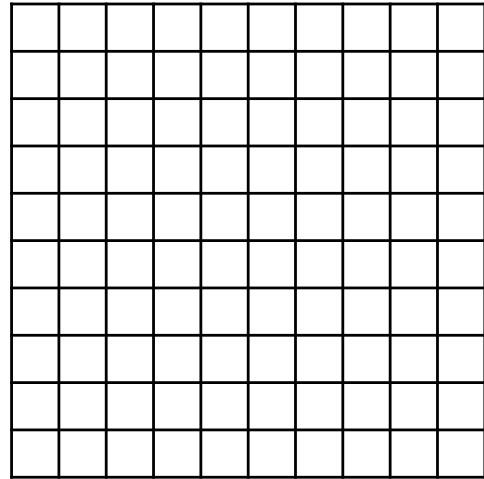


Decimals as Fractions 1

1. Shade the 100 squares to show the decimals below as fractions.



= $\frac{\square}{\square}$



= $\frac{\square}{\square}$



A. 0.3

B. 0.8

VF
HW/Ext

2. Match the visual representation to the decimal and the fraction it shows.



0.4

$\frac{9}{10}$



0.6

$\frac{4}{10}$



0.9

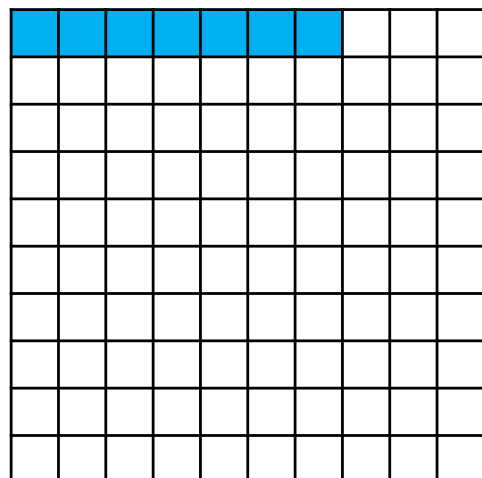
$\frac{60}{100}$



VF
HW/Ext

3. True or false?

The image shows the decimal 0.7 and the fraction $\frac{7}{100}$.



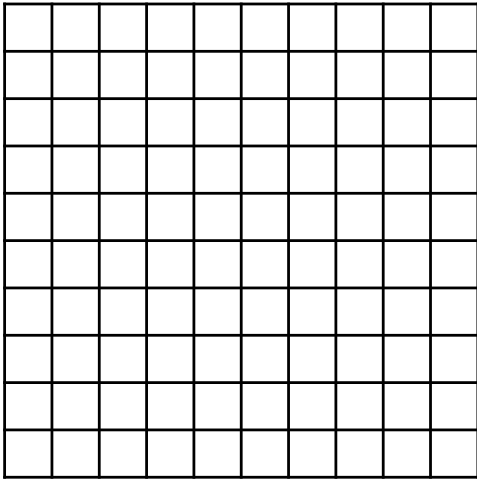
Explain your reasoning.



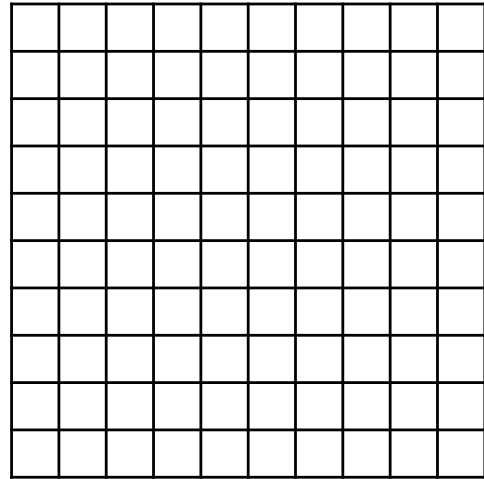
RPS
HW/Ext

Decimals as Fractions 1

4. Shade the 100 squares to show the decimals below as fractions.



= $\frac{\square}{\square}$ or $\frac{\square}{\square}$



= $\frac{\square}{\square}$

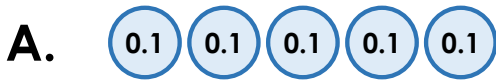


A. 0.25

B. 0.7

VF
HW/Ext

5. Match the visual representation to the decimal and the fraction it shows.



0.5

$\frac{1}{5}$



0.3

$\frac{1}{2}$



0.2

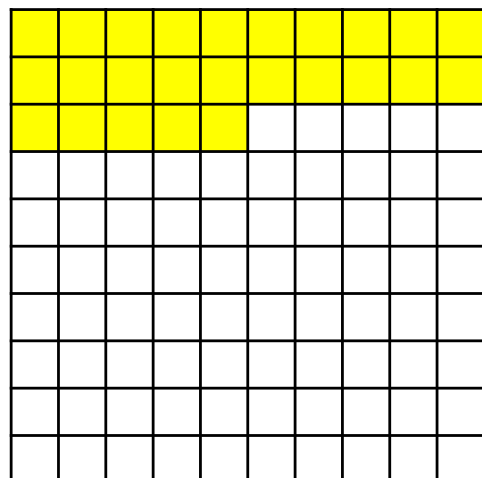
$\frac{30}{100}$



VF
HW/Ext

6. True or false?

The image shows the decimal 2.5 and the fraction $\frac{25}{100}$.



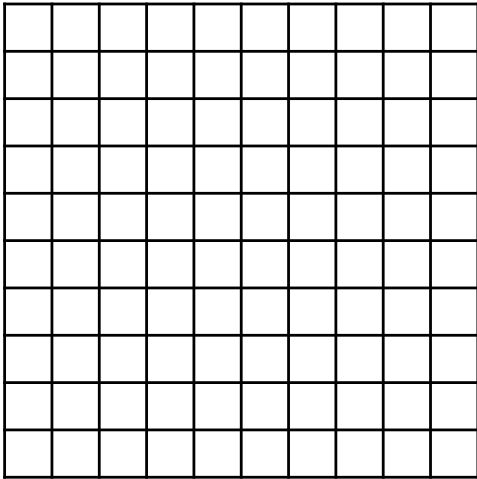
Explain your reasoning.



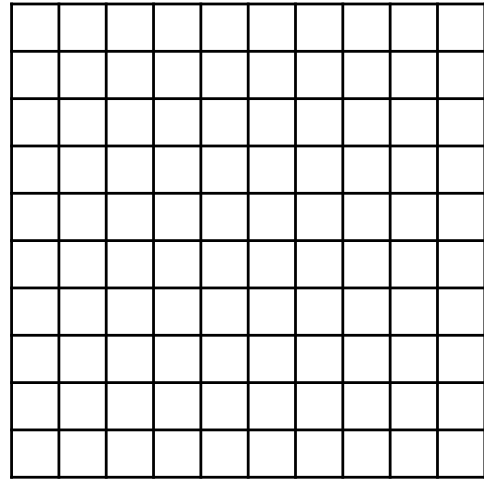
RPS
HW/Ext

Decimals as Fractions 1

7. Shade the 100 squares to show the decimals below as fractions.



$$= \frac{\square}{4}$$



$$= \frac{\square}{5}$$



A. 0.75

B. 0.6

VF
HW/Ext

8. Match the visual representation to the decimal and the fraction it shows.



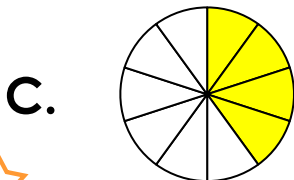
0.8

$\frac{10}{25}$



0.25

$\frac{4}{5}$



0.4

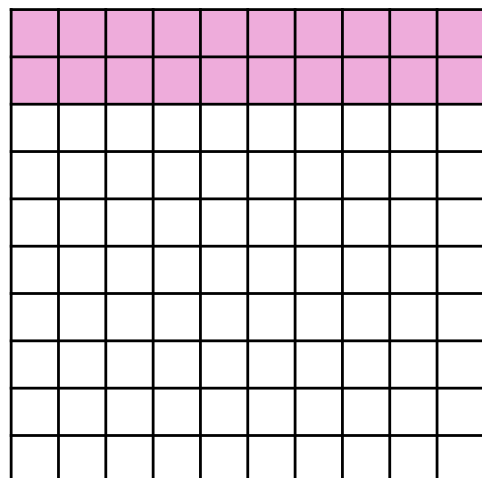
$\frac{1}{4}$



VF
HW/Ext

9. True or false?

The image shows the decimal 0.02 and the fraction $\frac{2}{5}$.



Explain your reasoning.



RPS
HW/Ext

Homework/Extension Decimals as Fractions 1

Developing

1. A. 30 squares shaded, $\frac{30}{100}$ or $\frac{3}{10}$; B. 80 squares shaded, $\frac{80}{100}$ or $\frac{8}{10}$
2. A. 0.6, $\frac{60}{100}$; B. 0.4, $\frac{4}{10}$; C. 0.9, $\frac{9}{10}$
3. False. The image shows 0.07, which is equivalent to the fraction $\frac{7}{100}$.

Expected

4. A. 25 squares shaded, $\frac{25}{100}$ or $\frac{1}{4}$; B. 70 squares shaded, $\frac{70}{100}$ or $\frac{7}{10}$
5. A. 0.5, $\frac{1}{2}$; B. 0.2, $\frac{1}{5}$; C. 0.3, $\frac{30}{100}$
6. False. The place value of the digits is incorrect. It should say 0.25, which is equivalent to $\frac{25}{100}$ or $\frac{1}{4}$.

Greater Depth

7. A. 75 squares shaded, $\frac{3}{4}$; B. 60 squares shaded, $\frac{3}{5}$
8. A. 0.25, $\frac{1}{4}$; B. 0.8, $\frac{4}{5}$; C. 0.4, $\frac{10}{25}$
9. False. The image shows the decimal 0.2, which is equivalent to $\frac{20}{100}$, $\frac{2}{10}$ or $\frac{1}{5}$.