

Fractions to Decimals 1

Fractions to Decimals 1

1a. Use the digit cards to complete the statements.

$\frac{40}{100}$ is equivalent to 0.

$\frac{7}{10}$ is equivalent to 0.

0 4 0 7



VF

1b. Use the digit cards to complete the statements.

$\frac{1}{10}$ is equivalent to 0.

$\frac{9}{100}$ is equivalent to 0. 9

0 1 9 0



VF

2a. True or false?

0.5 is equivalent to $\frac{50}{100}$.



VF

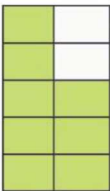
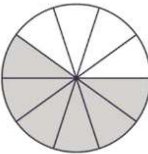
2b. True or false?

0.7 is equivalent to $\frac{7}{100}$.



VF


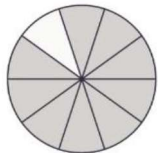
3a. Convert the fractions below to decimals.

A  B C 



VF

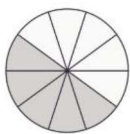
3b. Convert the fractions below to decimals.

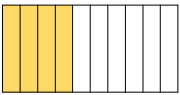
A  B C 




VF

4a. Match the decimals to the equivalent image.

A 

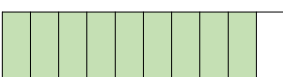
B 

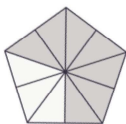
C 

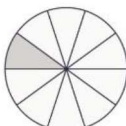


VF

4b. Match the decimals to the equivalent image.

A 

B 

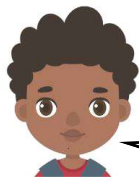
C 



VF

Fractions to Decimals 1

1a. Josh and Jenny are comparing fractions.



Josh

I think that 0.7 is greater.



Jenny

I think that $\frac{70}{100}$ is greater.

Who is correct. Explain how you know.



R

Fractions to Decimals 1

1b. Cian and Hannah are comparing fractions.



Cian

I think that 0.2 is greater.



Hannah

I think that $\frac{2}{100}$ is greater.

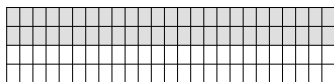
Who is correct. Explain how you know



R

2a. Convert the fractions into decimals and write them in ascending order.

A



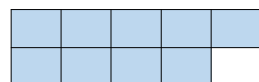
B

$$\frac{1}{100}$$

C

$$\frac{3}{10}$$

D



PS

2b. Convert the fractions into decimals and write them in descending order.

A



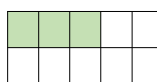
B

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

C

$$\frac{5}{100}$$

D



PS

3a. I am thinking of a fraction.

- It can be simplified.
- The denominator is 10.
- The numerator is a multiple of 3.
- It is less than half.

What is my fraction?

What is this fraction as a decimal?



PS

3b. I am thinking of a fraction.

- It can be simplified.
- The denominator is 100.
- The numerator is a multiple 6.
- The numerator is between 40 and 56.

What is my fraction?

What is this fraction as a decimal?



PS

Fractions to Decimals 1

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1a. Use the digit cards to complete the statements.

$\frac{30}{40}$ is equivalent to 0. 5

$\frac{3}{100}$ is equivalent to 0.

3 0 7 3 0



VF

1b. Use the digit cards to complete the statements.

$\frac{3}{5}$ is equivalent to 0.

$\frac{47}{100}$ is equivalent to 0.

0 6 7 4 5



VF

2a. True or false?

0.07 is equivalent to $\frac{70}{100}$.



VF

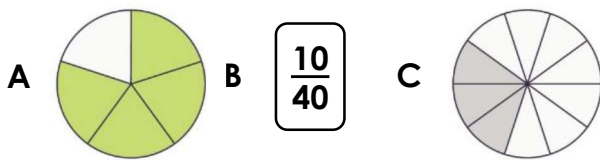
2b. True or false?

0.65 is equivalent to $\frac{65}{100}$.



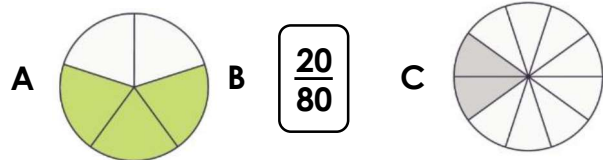
VF

3a. Convert the fractions below to decimals.



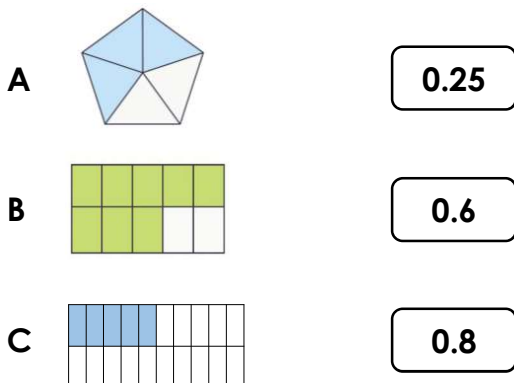
VF

3b. Convert the fractions below to decimals.



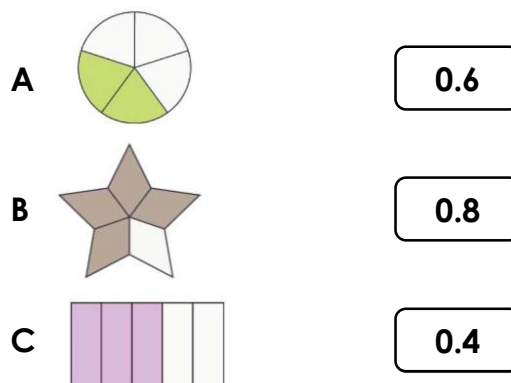
VF

4a. Match the decimals to the equivalent image.



VF

4b. Match the decimals to the equivalent image.



VF

Fractions to Decimals 1

1a. Isabel and Chuan are comparing fractions.



Isabel

I think that 0.7 is greater.



Chuan

I think that $\frac{4}{5}$ is greater.

Who is correct? Explain how you know.



R

Fractions to Decimals 1

1b. Alfie and Scarlett are comparing fractions.



Alfie

I think that 0.2 is greater.



Scarlett

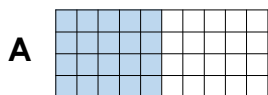
I think that $\frac{2}{5}$ is greater.

Who is correct. Explain how you know



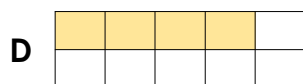
R

2a. Convert the fractions into decimals and write them in ascending order.



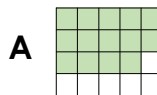
B $\frac{1}{5}$

C $\frac{12}{20}$



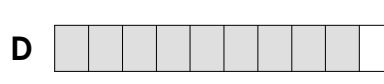
PS

2b. Convert the fractions into decimals and write them in descending order.



B $\frac{3}{5}$

C $\frac{3}{20}$



PS

3a. I am thinking of a fraction.

- It can be simplified.
- The numerator is more than 16 but less than 24.
- The numerator is a multiple of the denominator.
- The denominator is between 30 and 36.

What is my fraction?

What is this fraction as a decimal?



PS

3b. I am thinking of a fraction.

- It can be simplified.
- When converted to a decimal, it is more than 0.4 but less than 0.7.
- The numerator is a multiple of 6.
- The denominator is a multiple of 5 between 17 and 31.

What is my fraction?

What is this fraction as a decimal?



PS

Fractions to Decimals 1

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1a. Complete the statements.

$\frac{3}{24}$ is equivalent to 0 . 2

$\frac{6}{16}$ is equivalent to 0 . 3



VF

1b. Complete the statements.

$\frac{2}{16}$ is equivalent to 0 . 5

$\frac{12}{48}$ is equivalent to 0 .



VF

2a. True or false?

0.75 is equivalent to $\frac{36}{48}$.



VF

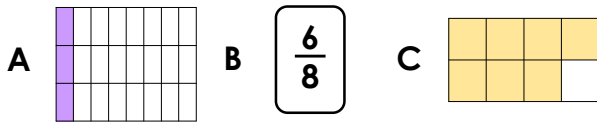
2b. True or false?

0.875 is equivalent to $\frac{7}{8}$.



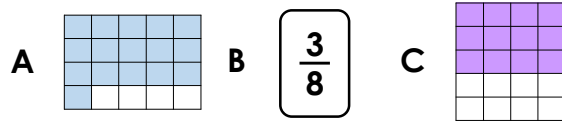
VF

3a. Convert the fractions below to decimals.



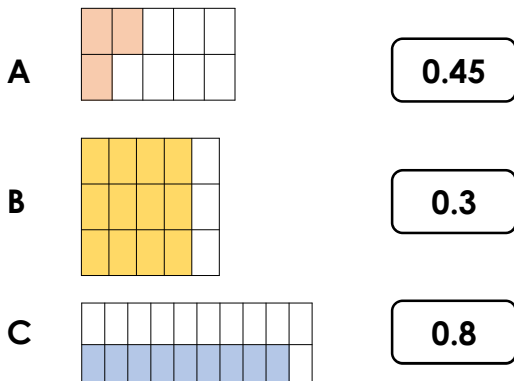
VF

3b. Convert the fractions below to decimals.



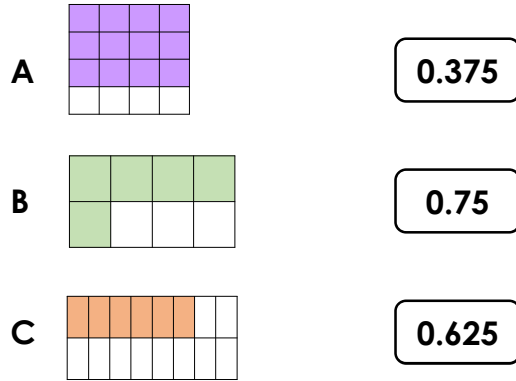
VF

4a. Match the decimals to the equivalent image.



VF

4b. Match the decimals to the equivalent image.



VF

Fractions to Decimals 1

1a. Alesha and Lucy are comparing fractions.



Alesha

I think that 0.625 is greater.



Lucy

I think that $\frac{3}{8}$ is greater.

Who is correct. Explain how you know.



R

Fractions to Decimals 1

1b. Sean and Johnny are comparing fractions.



Alfie

I think that 0.6 is greater.



Johnny

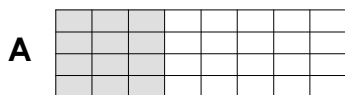
I think that $\frac{12}{20}$ is greater.

Who is correct. Explain how you know



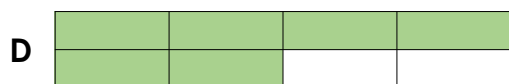
R

2a. Convert the fractions into decimals and write them in descending order.



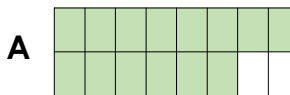
B $\frac{5}{8}$

C $\frac{10}{16}$



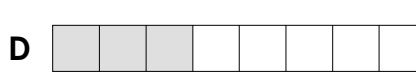
PS

2b. Convert the fractions into decimals and write them in ascending order.



B $\frac{12}{16}$

C $\frac{4}{5}$



PS

3a. I am thinking of a fraction.

- It can be simplified.
- When converted to a decimal, it has 3 decimal places.
- The numerator is a multiple of 4.
- The denominator is between 27 and 32.

What is my fraction?

What is this fraction as a decimal?



PS

3b. I am thinking of a fraction.

- It can be simplified.
- The denominator is a multiple of 4 less than 20.
- When converted to a decimal, it is a number with only 2 decimal places.

What is my fraction?

What is this fraction as a decimal?



PS