

## 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.

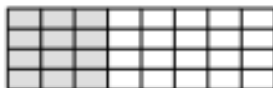
Who is correct. Explain how you know.



R

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

A



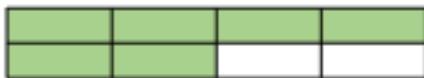
B

$$\frac{5}{8}$$

C

$$\frac{10}{16}$$

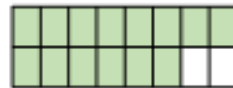
D



PS

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

A



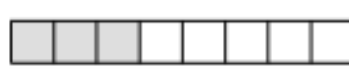
B

$$\frac{12}{16}$$

C

$$\frac{4}{5}$$

D



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