Write each decimal as a fraction.

$0.7 =$ $0.73 =$

$0.42 =$ $0.88 =$

Use the short division method to convert the fractions to decimals.
Write the decimals to three decimal places.

$$\frac{5}{8} \qquad \frac{4}{5} \qquad \frac{8}{5}$$

Rosie and Tommy have both attempted to convert $\frac{2}{8}$ into a decimal.

I converted $\frac{2}{8}$ into 0.25

I converted $\frac{2}{8}$ into 4

Who is correct?
Prove it.

8 friends share 7 pizzas.
How much pizza does each person get?
Give your answer as a decimal and as a fraction.
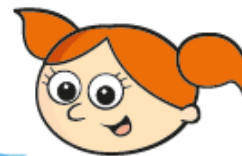

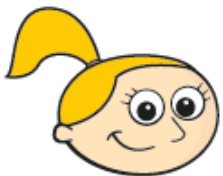Tommy, Alex and Eva are working out the decimal equivalent
of $\frac{60}{200}$

Tommy

You need to convert
it to have a denominator
of 100 to find the
decimal equivalent.

I disagree. You need
to convert it to have a
denominator of 1,000

Alex

Both of you
are right!

Eva

Who do you agree with? _____

Explain your thinking.