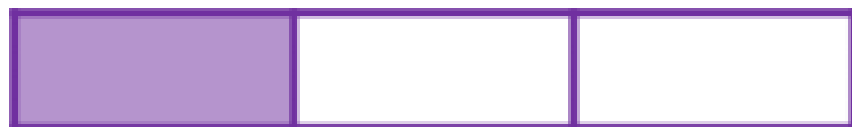
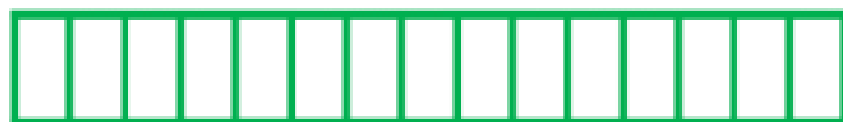


Two children are solving $\frac{1}{3} + \frac{4}{15}$

Eva starts by drawing this model:



Alex starts by drawing this model:



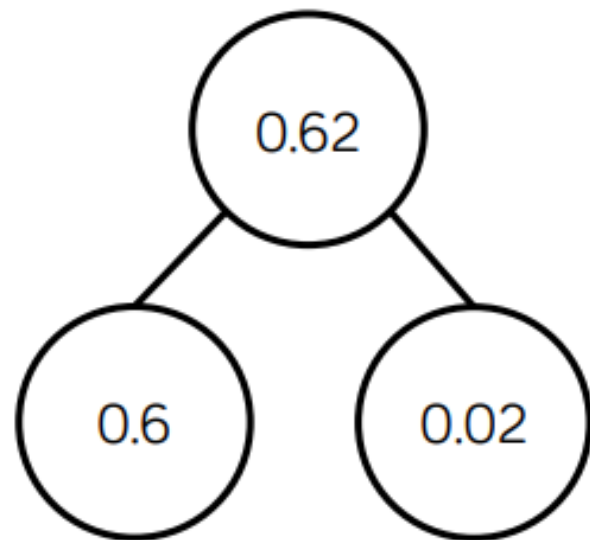
Can you explain each person's method and how they would complete the question?

Which method do you prefer and why?

How many different ways can you balance the equation?

$$\frac{5}{9} + \frac{\square}{9} = \frac{8}{9} + \frac{\square}{9}$$

Dexter says there is only one way to partition 0.62



Prove Dexter is incorrect by finding at least three different ways of partitioning 0.62

Match each description to the correct number.

My number has the same amount of tens and tenths.



Teddy



Amir

My number has one decimal place.

My number has two hundredths.



Rosie



Eva

My number has six tenths.

46.2

2.64

46.02

40.46

Three children are representing the number 0.504

$$0.504 = \frac{504}{1000}$$



Annie



Alex

$$0.504 = \frac{3}{10} + \frac{2}{10} + \frac{4}{1000}$$



Teddy

$$0.504 = \frac{5}{10} + \frac{4}{1000}$$

Who is correct?
Explain why.

0.394

= 3 tenths, 9 hundredths and 4 thousandths

$$= \frac{3}{10} + \frac{9}{100} + \frac{4}{1000}$$

$$= 0.3 + 0.09 + 0.004$$

Write these numbers in three different ways:

0.472

0.529

0.307

Dora looks at the fractions $1\frac{7}{12}$ and $1\frac{3}{4}$

She says,



$1\frac{7}{12}$ is greater than $1\frac{3}{4}$
because the numerator
is larger

Do you agree?

Explain why using a model.

Eva and Alex each have two identical pizzas.

Eva says,



I have cut each pizza
into 6 equal pieces
and eaten 8



Alex says,

I have cut each pizza
into 9 equal pieces
and eaten 15



Who ate the most pizza?

Use a drawing to support your answer.