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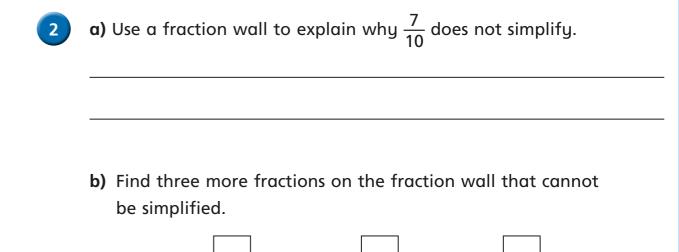
Use the fraction wall to write each fraction in its simplest form.

a)
$$\frac{4}{6} =$$

c)
$$\frac{6}{8} =$$

b)
$$\frac{8}{10} =$$

d)
$$\frac{4}{8} =$$



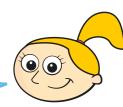
Mo, Eva and Ron are trying to simplify $\frac{5}{20}$



I can't simplify
this because one number
is odd and the other
is even.

Мо

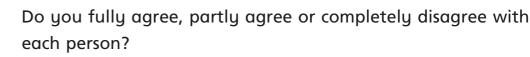
I can't simplify this because only one number can be halved.



Eva

I can simplify any fraction.

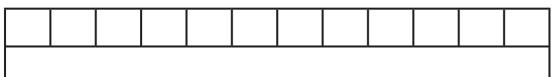
Ron



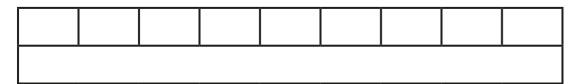
Talk to a partner.



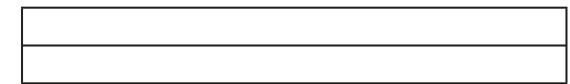




b) Complete each bar model and calculation.



$$=\frac{3}{9}$$



$$=\frac{5}{15}$$

Simplify the fractions.

a)
$$\frac{4}{12} = \boxed{ }$$

$$\frac{8}{12} =$$

c)
$$\frac{40}{120} =$$

d)
$$\frac{12}{4} =$$

$$\frac{4}{16} =$$

$$\frac{40}{160} =$$

Describe and explain any patterns that you noticed.



Write 3 fractions that simplify to $\frac{3}{5}$



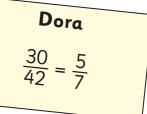




Teddy and Dora are both simplifying $\frac{30}{42}$

Teddy

$$\frac{30}{42} = \frac{15}{21} = \frac{5}{7}$$



- a) How do you think Dora was able to simplify the fraction in one step?
- **b)** Simplify these fractions in one step.

$$\frac{24}{30} =$$

$$\frac{16}{20} =$$





is a prime number. is a multiple of 10



The fraction can be simplified.

What could each number be? Explain your reasoning.