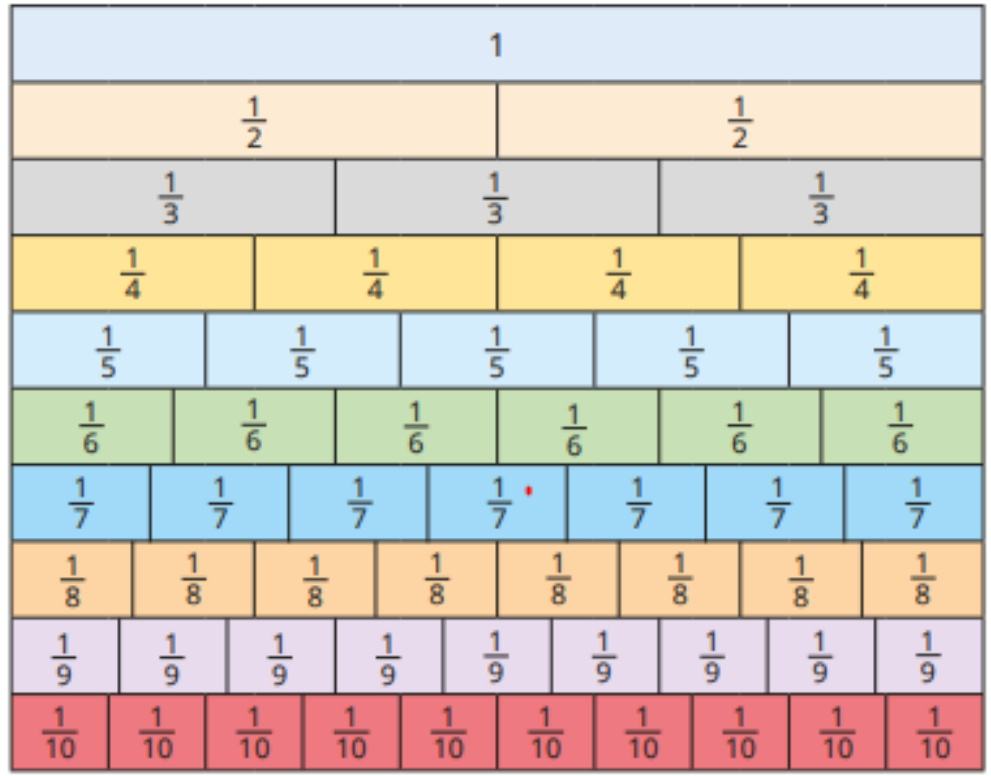
1 Here is a fraction wall.



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

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

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

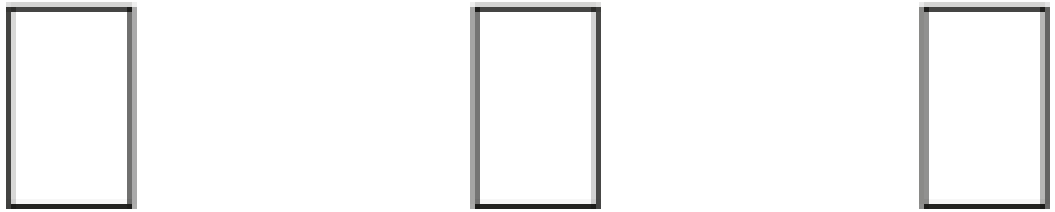
b) $\frac{8}{10} = \square$

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

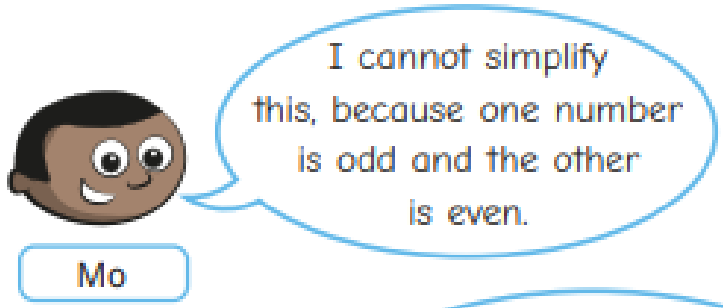
2 **a)** Use a fraction wall to explain why $\frac{7}{10}$ does not simplify.

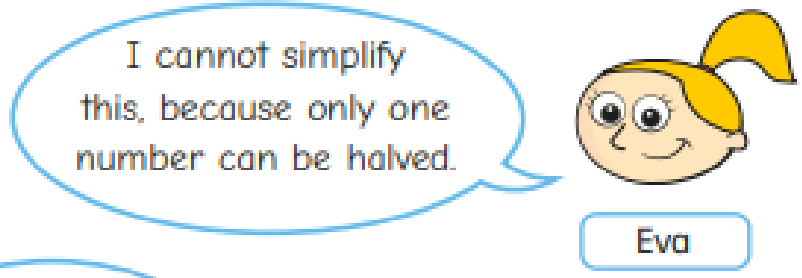
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b) Find three more fractions on the fraction wall that cannot be simplified.



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







Do you fully agree, partly agree or completely disagree with each person?

_____

_____

5 Simplify the fractions.

a) $\frac{4}{12} = \square$ **b)** $\frac{8}{12} = \square$ **c)** $\frac{40}{120} = \square$ **d)** $\frac{12}{4} = \square$

$\frac{4}{16} = \square$ $\frac{8}{16} = \square$ $\frac{40}{160} = \square$ $\frac{120}{4} = \square$

$\frac{4}{20} = \square$ $\frac{8}{20} = \square$ $\frac{40}{200} = \square$ $\frac{12}{400} = \square$

Describe and explain any patterns that you notice.

_____

_____

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





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

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

a) How do you think Dora was able to simplify the fraction in one step?

b) Simplify these fractions in one step.

$\frac{24}{30} = \square$ $\quad$ $\frac{16}{20} = \square$

$\frac{56}{64} = \square$ $\quad$ $\frac{99}{121} = \square$

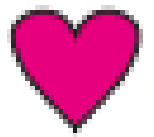
8  is a prime number.

 is a multiple of 10

The fraction $\frac{\text{☆}}{\text{♡}}$ can be simplified.

Find a pair of possible values.

 = ☐

 = ☐

Are there any other possible answers? Talk about it with a partner.