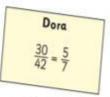## Green Challenge

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

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

Dora
$$\frac{30}{42} = \frac{5}{7}$$

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

b) Simplify these fractions in one step.

$\frac{24}{30} = \boxed{}$ $\frac{16}{20} = \boxed{}$

$\frac{56}{64} = \boxed{}$ $\frac{99}{121} = \boxed{}$

8 $\frac{\bigstar}{\heartsuit}$ ⭐ is a prime number. ❤ is a multiple of 10

The fraction can be simplified.

What could each number be? Explain your reasoning.