WALT know how to cancel down fractions to their simplest form

1. Write down 3 fractions with a **denominator of 6** that are already in their simplest form:

A

B

C

2. Write down **all** the **proper fractions** with a **denominator of 6** that are **already in their simplest form:**

A

B

3. Are the following fractions in their simplest form? If not, simplify them.

$\dfrac{6}{9}$ $\dfrac{10}{12}$ $\dfrac{9}{16}$ $\dfrac{21}{24}$ $\dfrac{24}{25}$ $\dfrac{14}{16}$

4. Find the highest common factor of the numerator and the denominator of the following fractions, and simplify them.

$\dfrac{30}{45}$

_____

$\dfrac{15}{21}$

_____

$\dfrac{8}{12}$

_____

5. Which fractions are in their simplest form? Why?

$\dfrac{10}{15} = \dfrac{2}{3}$ (   ) $\dfrac{6}{12} = \dfrac{12}{24}$ (   )

$\dfrac{4}{5} = \dfrac{2}{3}$ (   ) $\dfrac{20}{24} = \dfrac{5}{6}$ (   )

6. Write the following answers in the simplest form:
(a) Jay sleeps 9 hours every day.
Express 9 hours of 1 day as a fraction.

(b) **Express 24cm out of 1m as a fraction.**

7 Simplify the following fractions to the simplest form:

$\dfrac{15}{10} =$ $\dfrac{21}{27} =$ $\dfrac{90}{80} =$

$\dfrac{15}{18} =$ $\dfrac{14}{35} =$ $\dfrac{150}{60} =$

Here are some fraction cards.
All of the fractions are equivalent.

$$\dfrac{4}{A} \qquad \dfrac{B}{C} \qquad \dfrac{20}{50}$$

$A + B = 16$
Calculate the value of C.