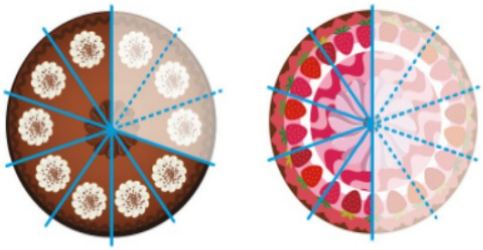
Let's Learn

Student's Book p. 208

a Izzy takes $\frac{3}{10}$ of a chocolate cake and $\frac{5}{10}$ of a similar fruit cake.



Chocolate cake

Fruit cake

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Compare the fractions.

$\frac{3}{10}$ is smaller than $\frac{5}{10}$.

So $\frac{3}{10} < \frac{5}{10}$.

$\frac{5}{10}$ is greater than $\frac{3}{10}$.

So $\frac{5}{10} > \frac{3}{10}$.

When we compare fractions with the same denominator, the smaller fraction is the one with the smaller numerator.

b Caz uses $\frac{1}{2}$ of a red ribbon, $\frac{1}{4}$ of a similar blue ribbon and $\frac{1}{5}$ of a similar yellow ribbon.

$\frac{1}{2}$ is greater than $\frac{1}{4}$.

$2 < 4$

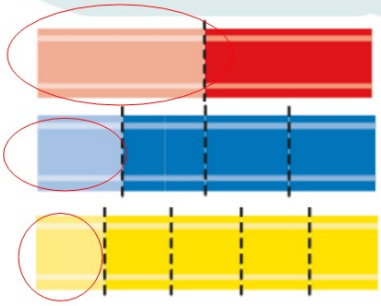
$\frac{1}{2}$ is greater than $\frac{1}{5}$.

$2 < 5$

$\frac{1}{2} > \frac{1}{4}$ and $\frac{1}{2} > \frac{1}{5}$.

So $\frac{1}{2}$ is the greatest.

When we compare fractions with the same numerator, the greatest fraction is the one with the smallest denominator.



$\frac{1}{4}$ is smaller than $\frac{1}{2}$. $\frac{1}{5}$ is smaller than $\frac{1}{4}$.

$\frac{1}{4} < \frac{1}{2}$ and $\frac{1}{5} < \frac{1}{4}$.

So $\frac{1}{5}$ is the **smallest**.

Order $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{5}$ from the smallest to the greatest.

$\frac{1}{5}$ (smallest), $\frac{1}{4}$, $\frac{1}{2}$ (greatest)