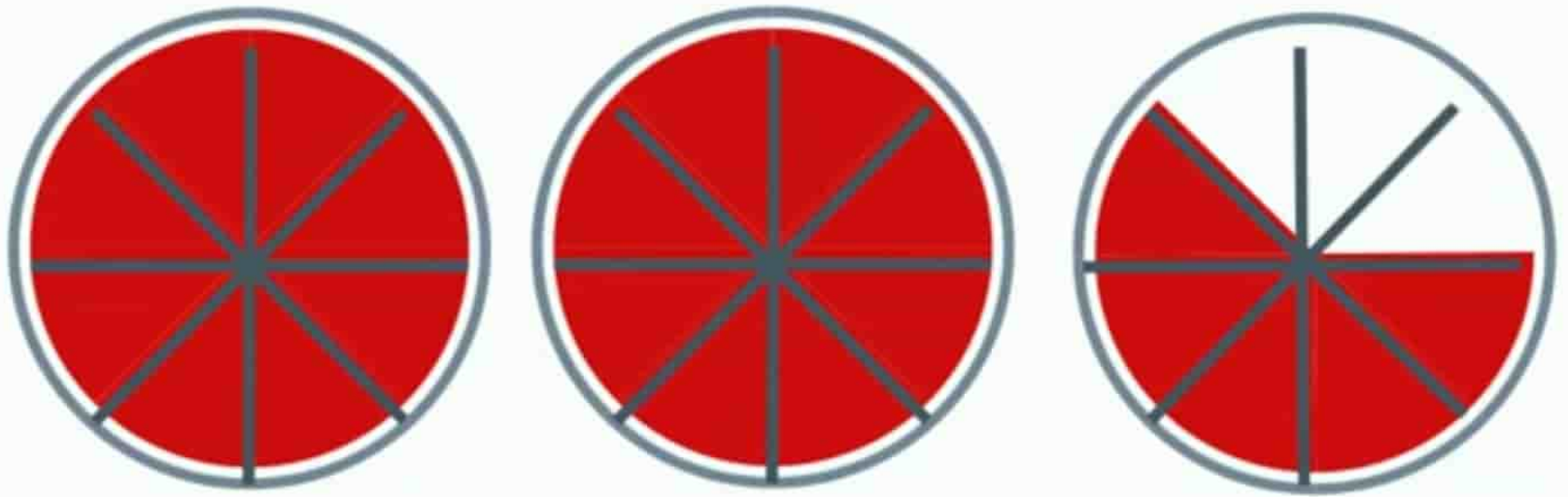


Mixed Form to Fraction Form

Mixed Form to Fraction Form



Mixed Form to Fraction Form.

$$2\frac{5}{8} = \frac{2 \times 8 + 5}{8} = \frac{21}{8}$$

The picture shows the mixed fraction $2\frac{5}{8}$. If you were to count all the parts that are colored you would have a total of 21 parts, giving the fraction $\frac{21}{8}$.



Mixed Form to Fraction Form.

$$2\frac{5}{8} = \frac{2 \times 8 + 5}{8} = \frac{21}{8}$$

Since each unit or circle has 8 parts, each completely colored circle can be written as $\frac{8}{8}$. This gives us $\frac{8}{8} + \frac{8}{8} + \frac{5}{8}$ circles for a total of $\frac{21}{8}$ circles.

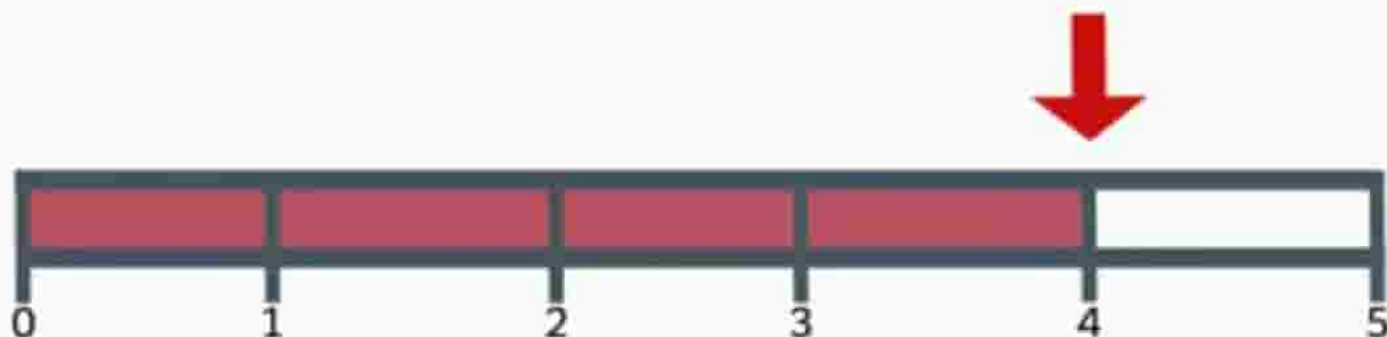


Mixed Form to Fraction Form.

$$2\frac{5}{8} = \frac{2 \times 8 + 5}{8} = \frac{21}{8}$$

Or you can multiply the whole number 2 times the denominator 8 and then add the numerator 5 for a numerator of 21 in the fraction form.

Number Line Example




Whole Number Form to Fraction Form.

$$4 = \frac{4 \times 1 + 0}{1} = \frac{4}{1}$$

To write the whole number 4 in fraction form simply write the whole number 4 over the denominator 1.



Mixed Form to Fraction Form:
An Example



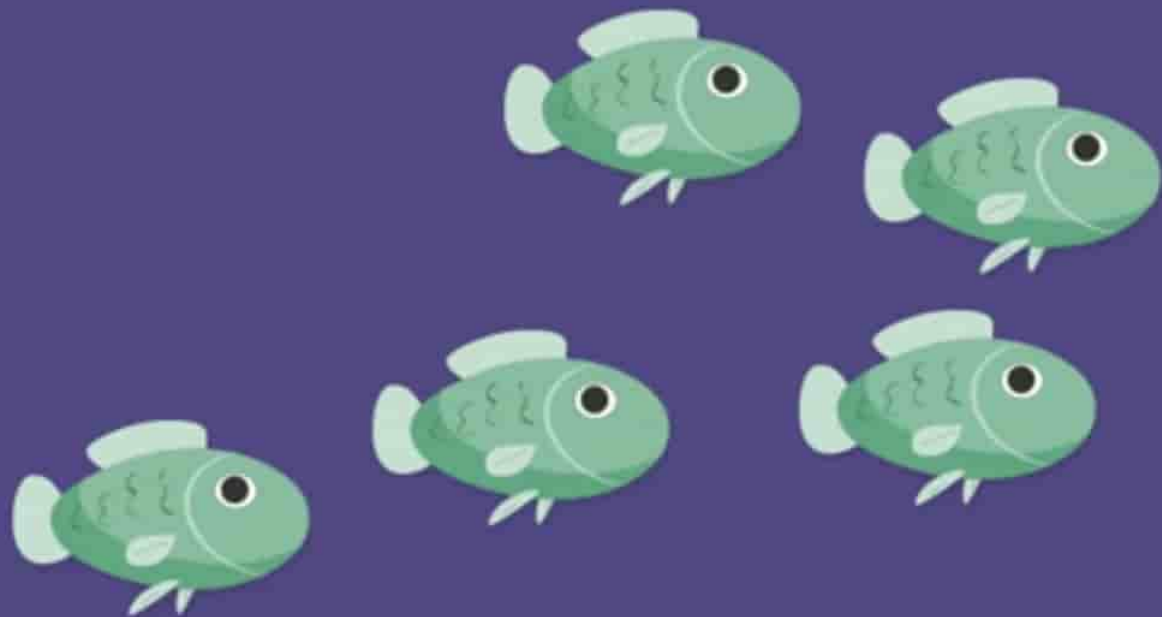
Kotori ate $1\frac{1}{4}$ of a fish

Kai ate $3\frac{3}{4}$ of a fish.

How many fish did Kai and Kotori eat in total?

Kotori ate $1\frac{1}{4}$ of a fish
Kai ate $3\frac{3}{4}$ of a fish.

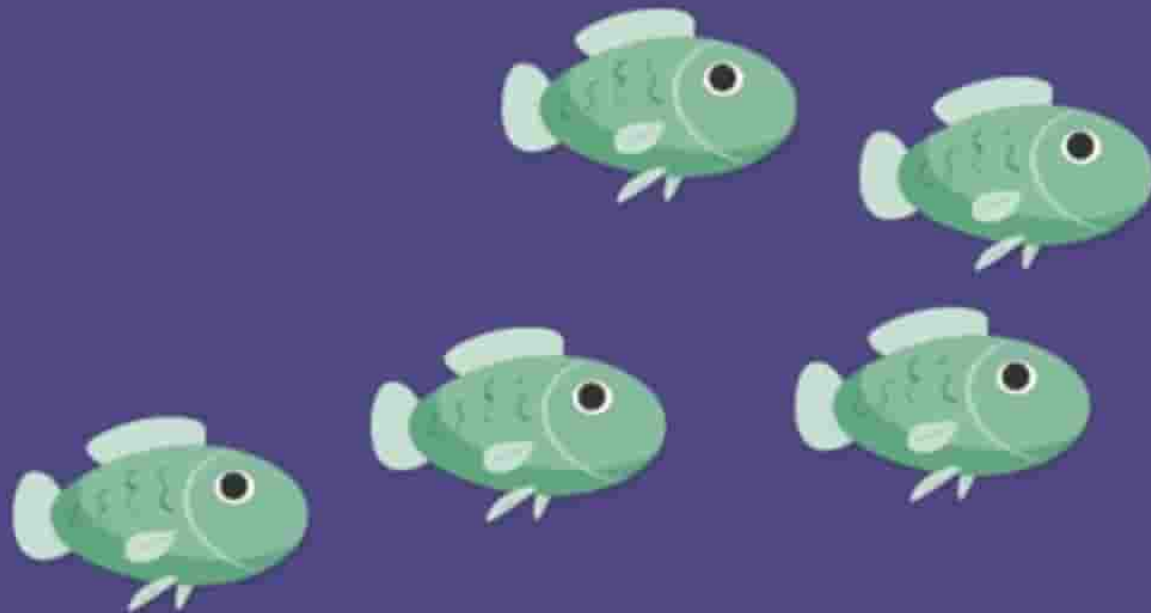
$$1\frac{1}{4} = \frac{1 \times 4 + 1}{4} =$$



Kotori ate $\frac{5}{4}$ of a fish

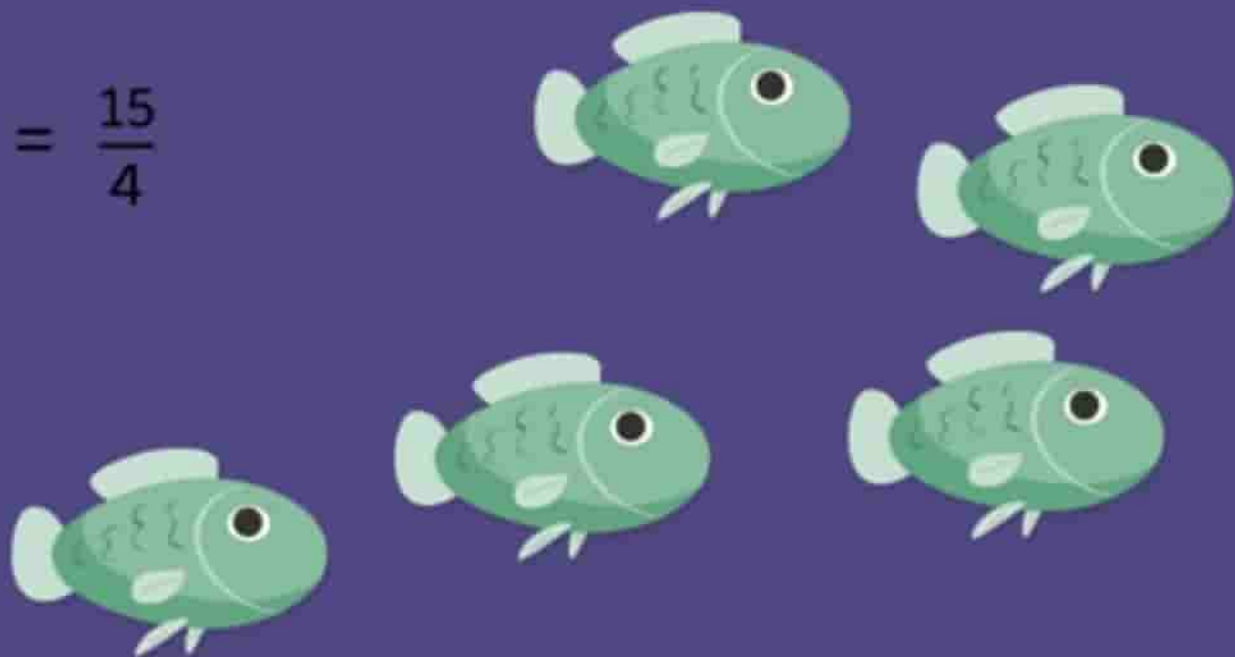
Kai ate $3\frac{3}{4}$ of a fish.

$$1\frac{1}{4} = \frac{1 \times 4 + 1}{4} = \frac{5}{4}$$



Kotori ate $\frac{5}{4}$ of a fish
Kai ate $\frac{15}{4}$ of a fish.

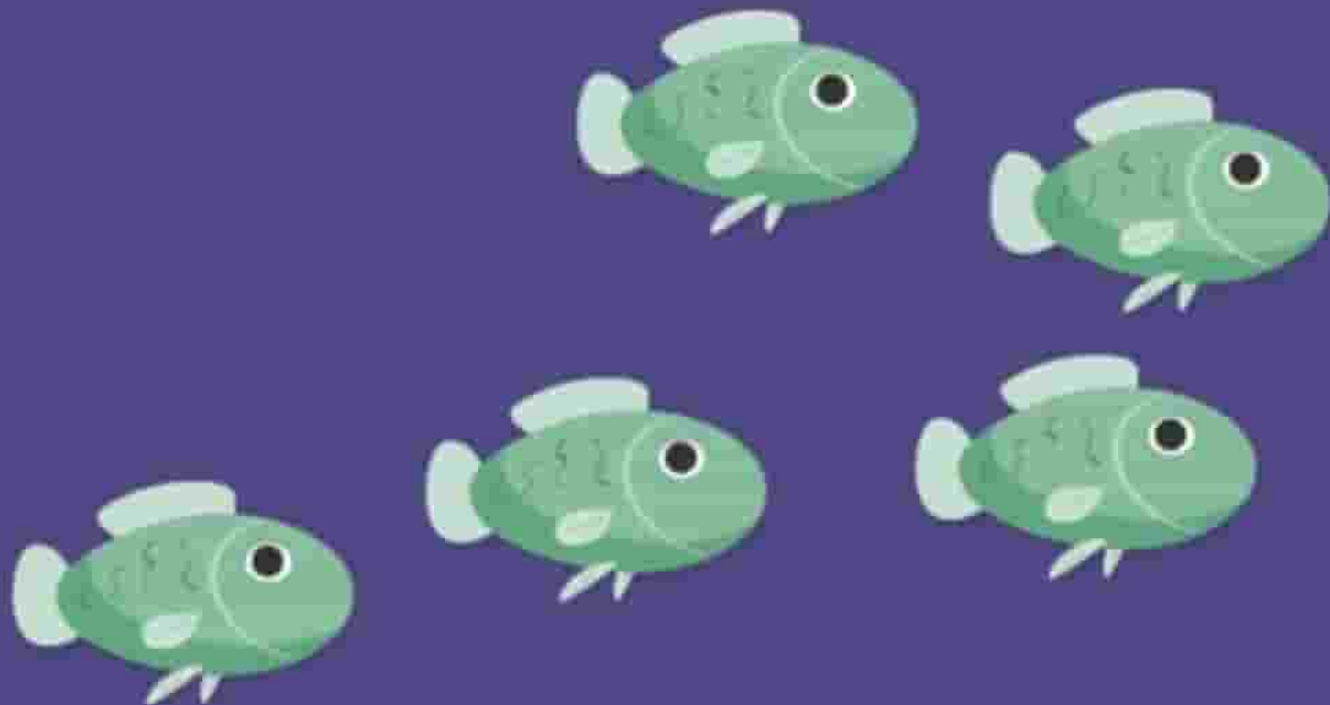
$$3\frac{3}{4} = \frac{3 \times 4 + 3}{4} = \frac{15}{4}$$



Kotori ate $\frac{5}{4}$ of a fish
Kai ate $\frac{15}{4}$ of a fish.

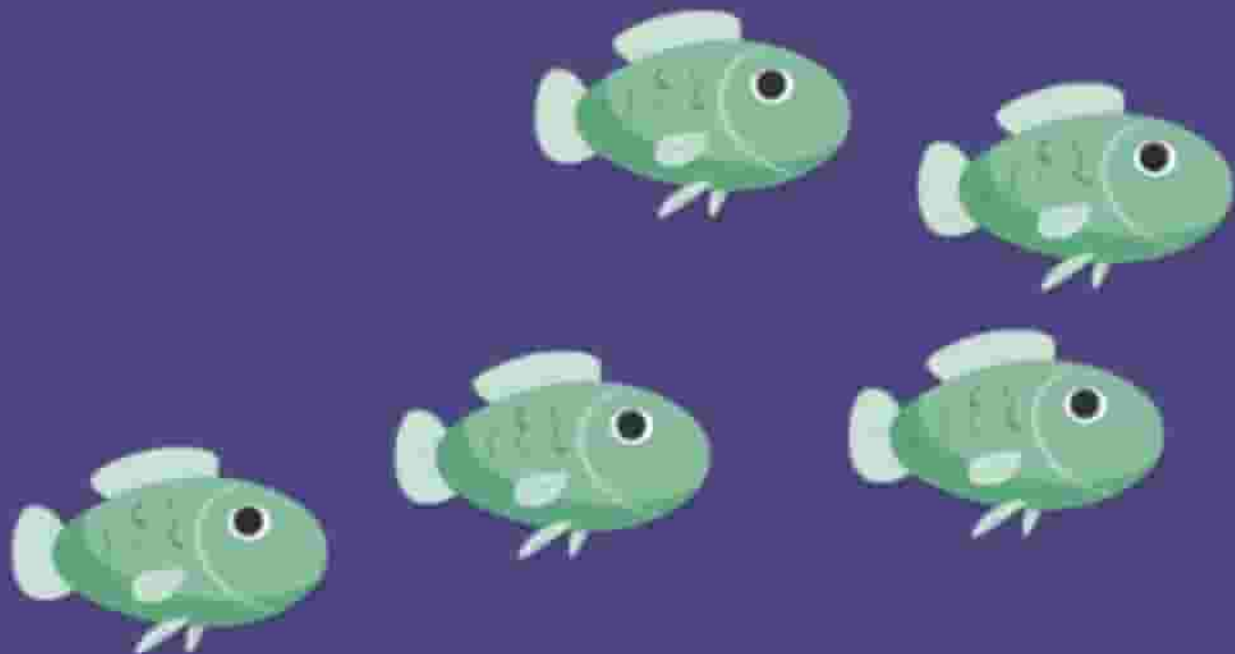
$$1\frac{1}{4} = \frac{5}{4}$$

$$3\frac{3}{4} = \frac{15}{4}$$



So Kotori and Kai ate a
total of $\frac{20}{4}$ fish

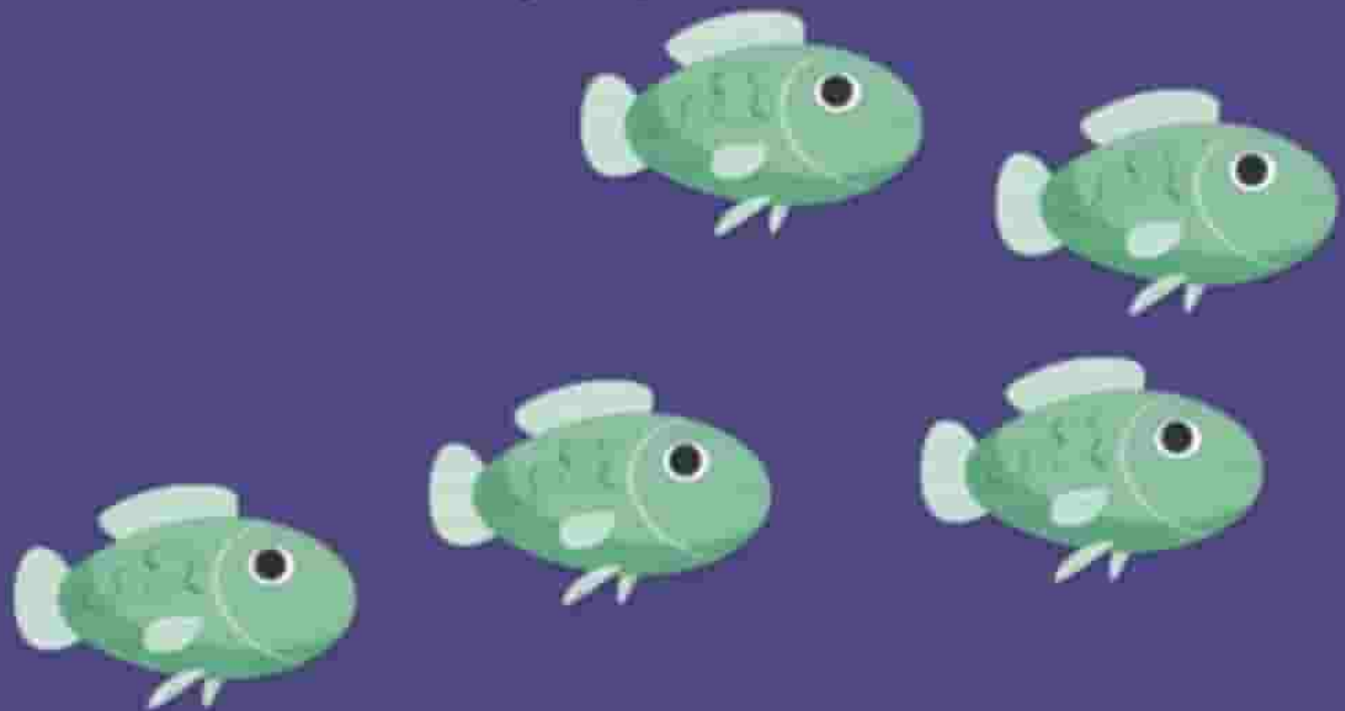
$$\frac{15}{4} + \frac{5}{4} = \frac{20}{4}$$



So Kotori and Kai ate a
total of $\frac{20}{4}$ fish

$\frac{20}{4}$ can be simplified to 5. Together, they ate a
total of 5 fish.

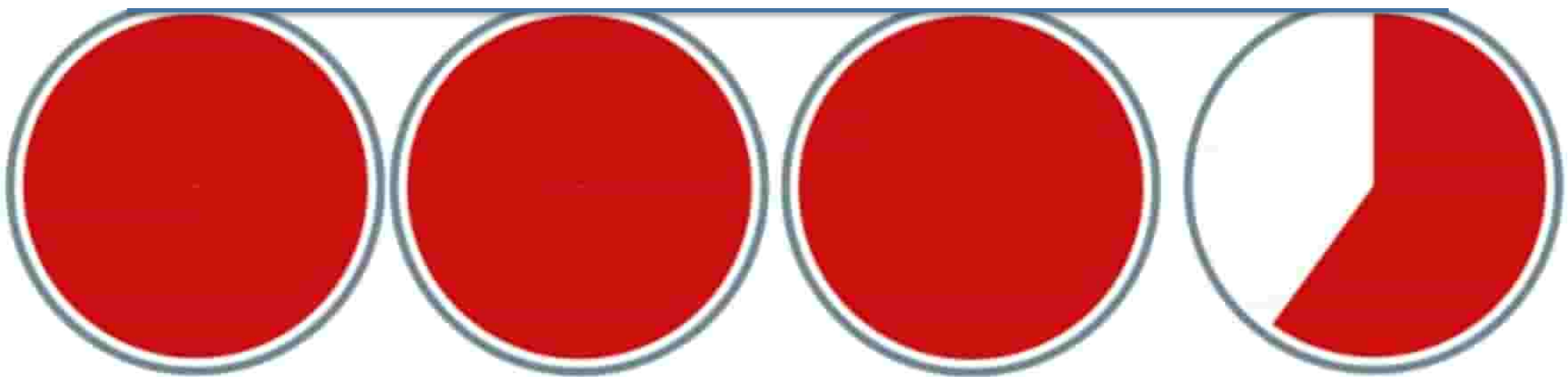
$$\frac{15}{4} + \frac{5}{4} = \frac{20}{4}$$



$$3\frac{3}{5}$$

We'll wait a minute while you figure this one out for yourself.

What is $3\frac{3}{5}$ in fraction form?



Mixed Form to Fraction Form.

$$3\frac{3}{5} = \frac{3 \times 5 + 3}{5} = \frac{18}{5}$$

The fraction form of $3\frac{3}{5}$ is $\frac{18}{5}$.