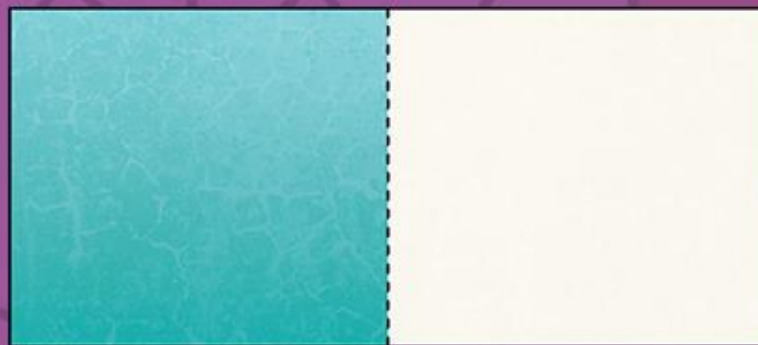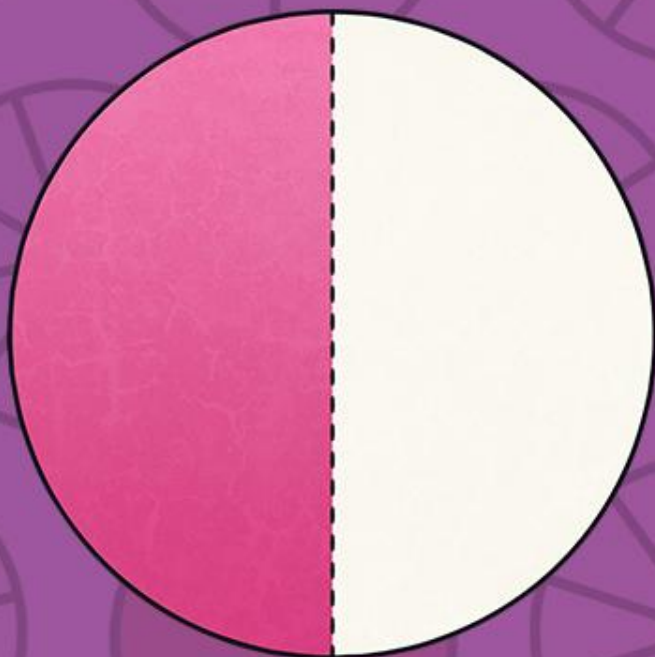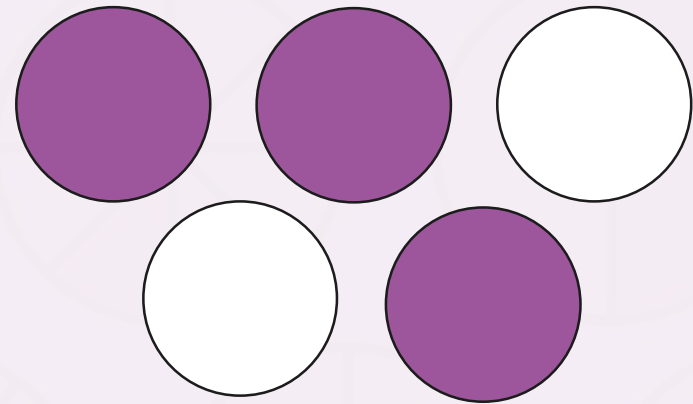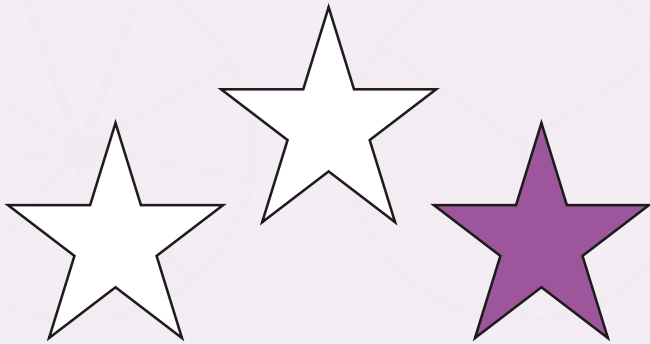# Equivalent Fractions

Recap
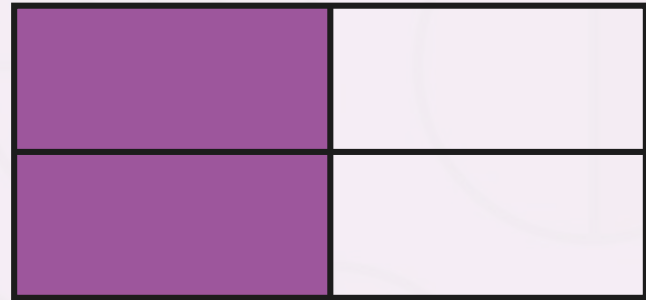
Which fractions of each of these are coloured?

Recap

Some fractions that are written with different numbers have the same value.

In other words, a fraction can be written in many different ways, but have the same value.

$$\frac{1}{2}$$

$$\frac{2}{4}$$

Equivalent Fractions

These are all equivalent fractions, even though they all have different numerators and denominators.

They show that the same amount of the bar has been shaded overall.

$\dfrac{1}{4}$

$\dfrac{2}{8}$

$\dfrac{3}{12}$

$\dfrac{4}{16}$

Equivalent Fractions

$\dfrac{1}{4}$ quarters

$\dfrac{2}{8}$ eighths

$\dfrac{3}{12}$ twelfths

$\dfrac{4}{16}$ sixteenths

Equivalent Fractions

These 3 fractions are equivalent. They have the same value.
What is each fraction?

$\dfrac{1}{3}$

$\dfrac{2}{6}$

$\dfrac{3}{9}$

Equivalent Fractions

What fractions are equivalent to $\frac{1}{5}$?

$\frac{1}{5}$
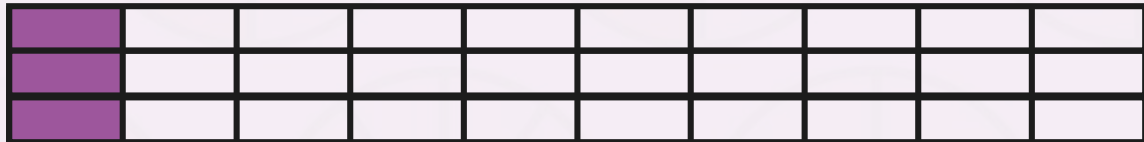
$\frac{2}{10}$

$\frac{3}{15}$

Equivalent Fractions

$\dfrac{1}{10}$

$\dfrac{3}{30}$

Yes!

Can you explain why they are equivalent?

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Equivalent Fractions

Which group shows an equivalent fraction to $\frac{3}{4}$?

$\frac{6}{8}$

$\frac{5}{8}$

$\frac{6}{8}$ is equivalent to $\frac{3}{4}$