16.06.21

LO: To find equivalent fractions.

Success Steps.

Know a fraction is an equal part of an amount or a shape.

Know the numerator represents the fraction.

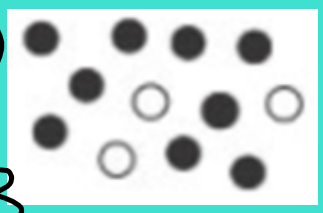
Know the denominator represents the whole.

What ever you times/divide the numerator by, you do the same to the denominator to find an equivalent fraction.

Starter

Find the equivalent fractions.

a) Half

b) 

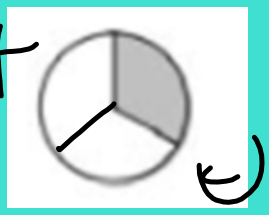
c) Third (2)

$\frac{9}{12} \div 3 = \frac{3}{4}$

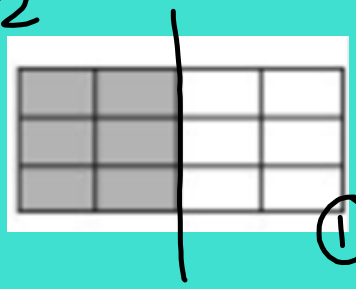
$\frac{9}{12}$

d) $\frac{3}{4}$

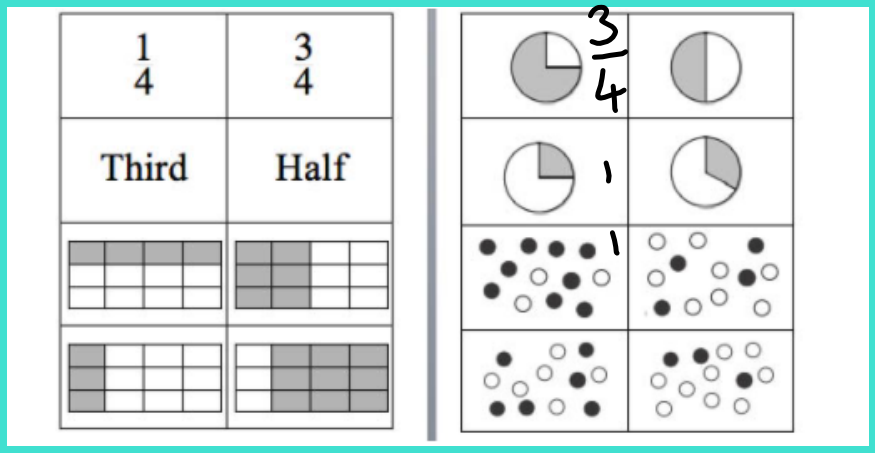
$\div 3$



e)

f) 

(1) $\frac{6}{12}$



$\frac{3}{4} \overset{\times 3}{=} \frac{9}{12}$ (×3)

$\frac{1}{2} = \frac{6}{12}$

Getting started

You will need to work in a team of four. If you have a fifth person available - use them as an observer (see guidance below).
In silence:
Distribute the 16 cards randomly amongst the team (four cards each).

Tackling the problem

How to play

Players pass cards to other team members in order to help one another complete their set.

Rules

- No one can talk or give non-verbal signals to other members of the team.
- Each member of the team starts with four cards in front of them.
- The cards in front of each person should be visible to everyone.
- Team members can only give cards; they cannot take cards from someone else.
- Each team member must have at least two cards in front of them at all times.

Use an observer to check that the team obeys the rules and to keep a record of when members of the team help someone else (rather than, for example, when they just pass a piece on without looking at what the other person or team actually needs).

In a group of 4, we played a game to match equivalent fractions which we played in silence.