

WALT: To be able to compare two proper fractions which have the same denominator

## Vocabulary

Fraction

Numerator

Denominator

Proper fraction

Share

Parts of the whole

Digit

Position

Represent

## Do it : proper fraction?

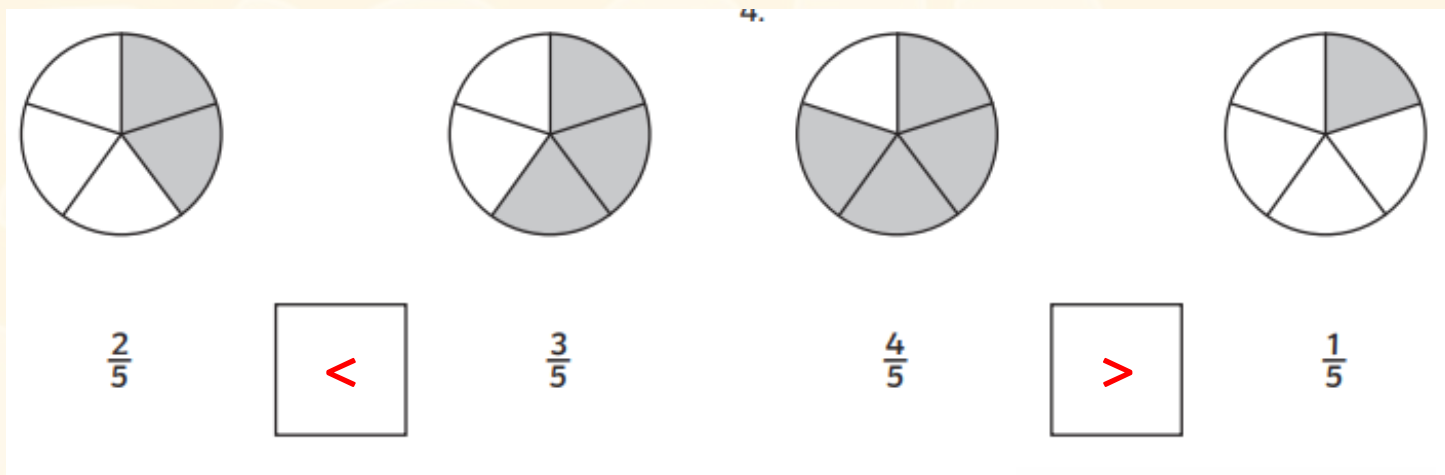
A fraction where the numerator (the top number) is less than the denominator (the bottom number).

Examples:

$$\frac{2}{3} \quad \frac{3}{6} \quad \frac{5}{7}$$

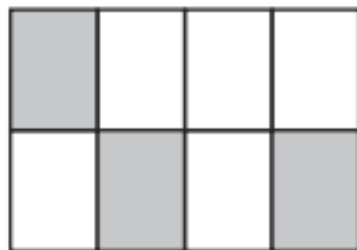
Comparing two proper fractions with the same denominator:

Using  $<$  or  $>$



# Variation

$$\frac{1}{4} < \frac{3}{4} > \frac{2}{4}$$



$\frac{1}{4}$



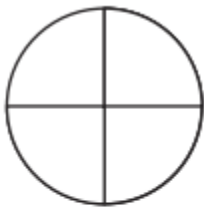
$\frac{3}{4}$

<

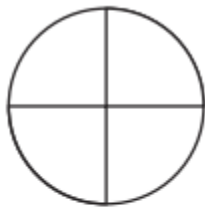
## Your turn

Look at the proper fractions and shade in the shapes, looking at the numerator to help you. Then compare your fractions using  $<$  or  $>$

1.



$\frac{3}{4}$



$\frac{1}{4}$

2.



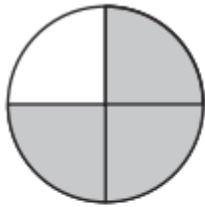
$\frac{1}{3}$



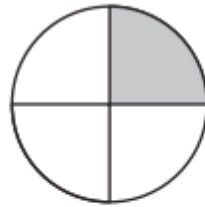
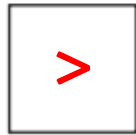
$\frac{2}{3}$

# Answers

1.



$\frac{3}{4}$

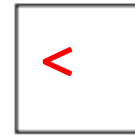


$\frac{1}{4}$

2.



$\frac{1}{3}$



$\frac{2}{3}$

## Secure it

Colin thinks that:

$$\frac{4}{5}$$

<

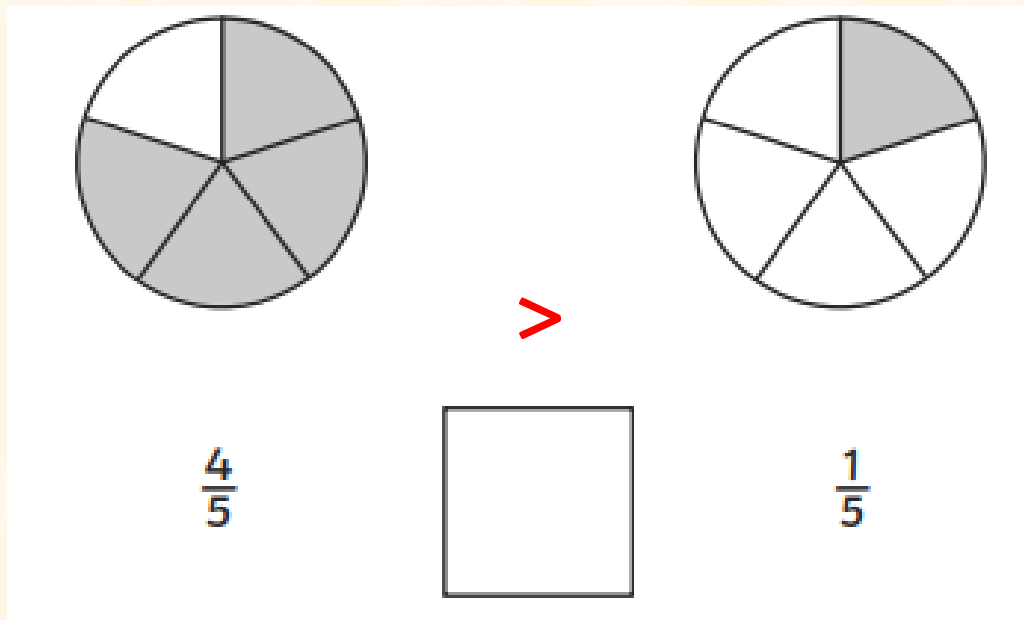
$$\frac{1}{5}$$

Explain why he is incorrect

Use the word 'because' when explaining your answer.

Colin is incorrect because four fifths is larger than one fifth.

The fractions should be written and look like this:





## Deepen it

Complete the statements:

$$\frac{\square}{9} < \frac{8}{\square}$$

$$\frac{\square}{\square} > \frac{\square}{\square}$$

$$\frac{\square}{\square} < \frac{\square}{3}$$

Solve each statement in several ways where possible  
Solve all the statements together using the digits 1, 2, 3, 4, 5, 6, 6, 7, 9 once each.