

05.01.21

L.O: To compare fractions

1. List the common factors of 6 and 10
2. Which is the bigger fraction <, =, >

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

3. $4,061 + \underline{\hspace{1cm}} = 8,018$

4. Circle the Prime Numbers

2 6 9 13 15 21

1. List the common factors of 6 and 10
1, 2

2. Which is the bigger fraction <, =, >

$$\frac{2}{3} \quad \boxed{<} \quad \frac{5}{6}$$

3. $4,061 + 3,957 = 8,018$

4. Circle the Prime Numbers

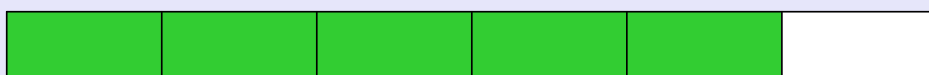
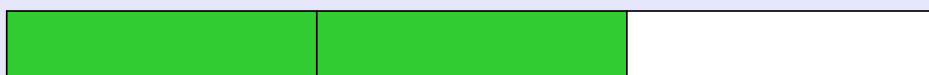
2 6 9 13 15 21

Which is the bigger Fraction?

$$\frac{2}{3} \quad \boxed{<} \quad \frac{5}{6}$$

I do

$$\frac{2 \times 2}{3 \times 2} = \frac{4}{6} \quad \boxed{<} \quad \frac{5}{6}$$

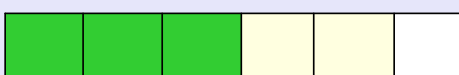
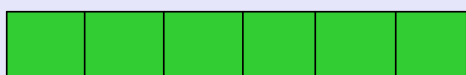
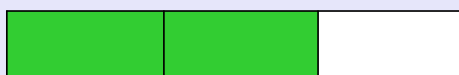
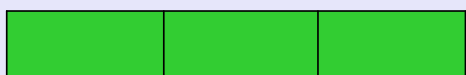


Which is the bigger Fraction?

$$\frac{5}{3} > \frac{9}{6}$$

I do

$$\frac{5 \times 2}{3 \times 2} = \frac{10}{6} > \frac{9}{6}$$



Write <, > or = to compare the fractions.

a) $\frac{7}{4}$ $\frac{12}{8}$

b) $\frac{7}{4}$ $\frac{22}{12}$

c) $\frac{22}{12}$ $\frac{10}{6}$

d) $\frac{10}{6}$ $\frac{5}{3}$

e) $\frac{10}{6}$ $\frac{5}{2}$

f) $\frac{1}{5}$ $\frac{4}{15}$

g) $\frac{2}{5}$ $\frac{6}{15}$

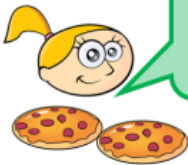
h) $\frac{2}{5}$ $\frac{4}{15}$

i) $\frac{2}{3}$ $\frac{6}{15}$

You Do

Eva and Alex each have two identical pizzas.

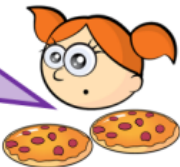
Eva says,



I have cut each pizza into 3 equal pieces and eaten 5

Alex says,

I have cut each pizza into 9 equal pieces and eaten 15



Who ate the most pizza?

Use a drawing to support your answer.

I do

$$\frac{5}{3} = \frac{15}{9}$$

$$\frac{5 \times 3}{3 \times 3} = \frac{15}{9} = \frac{9}{6}$$



You Do

Ron makes $\frac{3}{4}$ and $\frac{3}{8}$ out of cubes.



He thinks that $\frac{3}{8}$ is equal to $\frac{3}{4}$

Do you agree?

Explain your answer.

Dora looks at the fractions $1\frac{7}{12}$ and $1\frac{3}{4}$

She says,



$1\frac{7}{12}$ is greater than $1\frac{3}{4}$
because the numerator
is larger

Do you agree?

Explain why using a model.

You Do

** ignore the 1's and compare the fractions*

Alex and Dora each have two identical cakes.

Alex cuts each of her cakes into 6 equal pieces and gives 10 of her friends a piece each.



Alex



Dora cuts each of her cakes into 12 equal pieces and gives 18 of her friends a piece each.



Dora



Who has more cake left?

You Do

Filip has $3\frac{3}{16}$ bottles of juice.

Scott has $3\frac{1}{4}$ bottles of juice.

Who has more juice?

You Do

** ignore the 3's and compare the fractions*

e-mail your completed work to
y5@claytonce.bradford.sch.uk
to be marked