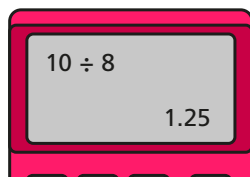


- 1 Use a calculator to help you match up the fraction with its division.

Then match up the division to the decimal answer.

$\frac{3}{4}$	$23 \div 100$	0.8
$\frac{4}{5}$	$4 \div 5$	0.23
$\frac{3}{10}$	$3 \div 4$	0.3
$\frac{23}{100}$	$3 \div 10$	0.75

- 2 Huan is writing  $\frac{8}{10}$  as a division on his calculator.



- a) What mistake has Huan made?  
b) What should he have typed on the calculator?

- 3 Write the fractions as divisions.

Use your calculator to work out the answer as a decimal.

- a)  $\frac{3}{5}$                       c)  $\frac{7}{20}$                       e)  $\frac{7}{4}$   
b)  $\frac{7}{8}$                         d)  $\frac{37}{50}$                     f)  $\frac{15}{6}$

- 4 Write the divisions as fractions.

- a)  $6 \div 9$                       c)  $7 \div 12$                       e)  $10 \div 4$   
b)  $2 \div 5$                       d)  $7 \div 19$                       f)  $27 \div 5$

- 5 Circle the fractions that are equivalent to  $\frac{45}{60}$

You should use division on a calculator to help you.

$\frac{8}{2}$      $\frac{11}{44}$      $\frac{33}{44}$      $\frac{12}{16}$      $\frac{360}{480}$

Discuss with a partner the method you used.

- 6 Show that the statements are true.

- a)  $\frac{30}{50}$  and  $\frac{17}{40}$  are not equal.  
b)  $\frac{170}{200}$  is less than  $\frac{9}{10}$

- 7 Circle the smaller fraction in each pair.

- a)  $\frac{3}{4}$      $\frac{4}{5}$     b)  $\frac{9}{10}$      $\frac{23}{25}$     c)  $\frac{19}{30}$      $\frac{15}{20}$     d)  $\frac{11}{19}$      $\frac{53}{99}$



4 Write the divisions as fractions.

a)  $6 \div 9$

c)  $7 \div 12$

e)  $10 \div 4$

b)  $2 \div 5$

d)  $7 \div 19$

f)  $27 \div 5$

5 Circle the fractions that are equivalent to  $\frac{45}{60}$

You should use division on a calculator to help you.

$\frac{8}{2}$     $\frac{11}{44}$     $\frac{33}{44}$     $\frac{12}{16}$     $\frac{360}{480}$

Discuss with a partner the method you used.

6 Show that the statements are true.

a)  $\frac{30}{50}$  and  $\frac{17}{40}$  are not equal.

b)  $\frac{170}{200}$  is less than  $\frac{9}{10}$

7 Circle the smaller fraction in each pair.

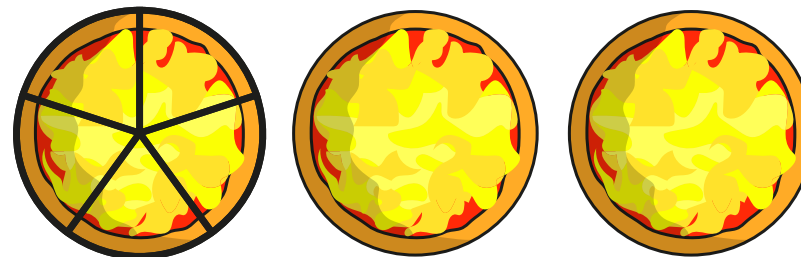
a)  $\frac{3}{4}$     $\frac{4}{5}$

b)  $\frac{9}{10}$     $\frac{23}{25}$

c)  $\frac{19}{30}$     $\frac{15}{20}$

d)  $\frac{11}{19}$     $\frac{53}{99}$

8 These 3 pizzas are divided equally between 5 people.



What fraction of one pizza does each person receive?

9 a) £2 is shared equally between 8 people.

What fraction of £1 does each person get?

b) Nijah swims the same distance each day for 7 days.

She swims 4 km in total across the week.

What fraction of a km does Nijah swim each day?

10 Put the fractions in descending order.

$\frac{31}{50}$

$\frac{45}{75}$

$\frac{18}{24}$

$\frac{130}{2000}$

Show your method.