

Maths - Monday

Subtracting money

Group A

IXL Section for Monday  
and Tuesday

P8—P17

Subtract these amounts of money mentally:

$$£100 - £57 =$$

$$£200 - £124 =$$

$$£136 - £80 =$$

$$£150 - £63 =$$

$$£200 - £183 =$$

$$£100 - £68 =$$

Use column subtraction to subtract these amounts of money:

$$£457 - £136 =$$

$$£574 - £193 =$$

$$£673 - £387 =$$

$$£382 - £135 =$$



Use subtraction to find the missing amounts of money.

a £245 + \_\_\_\_\_ = £315

b £471 + \_\_\_\_\_ = £561

c £326 + \_\_\_\_\_ = £726

d \_\_\_\_\_ + £50 = £621

e \_\_\_\_\_ + £80 = £703

f \_\_\_\_\_ + £90 = £754



Challenge—subtract these amounts of money

$$\begin{array}{r} \text{£ p} \\ 3.51 \\ - 2.36 \\ \hline \end{array}$$

$$\begin{array}{r} \text{£ p} \\ 7.60 \\ - 5.29 \\ \hline \end{array}$$

$$\begin{array}{r} \text{£ p} \\ 8.42 \\ - 2.83 \\ \hline \end{array}$$

$$\begin{array}{r} \text{£ p} \\ 4.95 \\ - 1.47 \\ \hline \end{array}$$



Maths - Tuesday

Giving change

Group A

IXL Section for Monday  
and Tuesday

P8—P17

Let's go shopping!

You'll need the price list below to help you work out the answers.



£1.99



60p



89p



90p



£1.50



99p



£2.20



£40



£3.50



£6.99

You buy these items	How much are they each?	Total amount	What you pay with	Change you get
Felt-tip pens and sweets			£3 (3 £1 coins)	
Felt-tip pens and marbles			£5 note	
Toy car and a whistle			£6 (a £5 note and a £1 coin)	
Pencil sharpener and a football			£5 note	
Rubber and a lollipop			£2 coin	

Challenges—more money (more) problems...

## How Much Did it Cost?

Dan bought a packet of crisps and an ice cream.

The cost of both of them together is in one of the boxes below.

Use the clues to work out how much Dan spent, the cost of the ice cream and the cost of the crisps.

£1.85	75p	£1.74	£2.25	£1	£1.56
£2.10	80p	£1.80	£3.06	£1.44	£1.50
£1.60	£1.25	£1.20	90p	£1.45	£1.27

Use these clues to find out how much he paid:

1. You need more than three coins to make this amount.
2. There would be change when using the most valuable coin to buy them.
3. The crisps cost more than 50p.
4. You could pay without using any copper coins.
5. The ice cream costs exactly twice as much as the crisps.

## Plenty of Pens

Amy went into her local stationery shop. Her mum had given her £2.50 to spend.

Amy liked the look of some luminous pens, which cost 15p each, and some fancy pencils, which cost 10p each.



She bought four times as many pens as pencils and was given 40p change.

How many of each did she buy?

**fraction**

A fraction is any part of a group, number or whole.



One circle has been cut in half.

A half is a fraction.

We write one half as



The top number is called the numerator.

**1**

It is the number of parts we have.

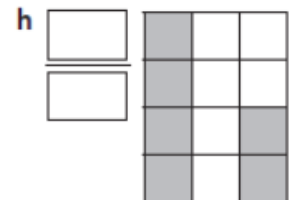
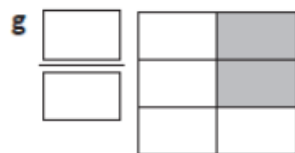
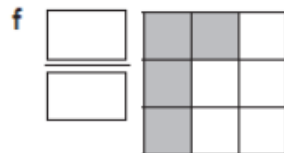
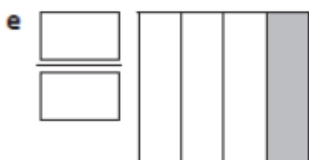
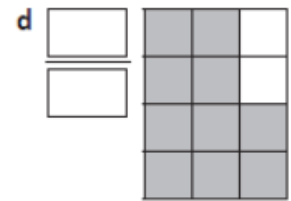
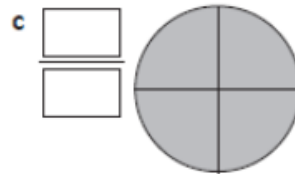
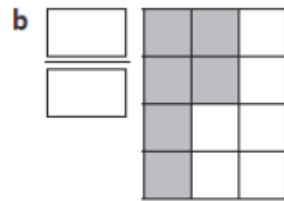
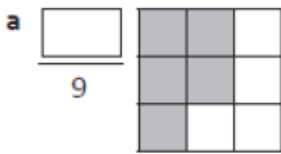
The bottom number is called the denominator.

**2**

It is the total number of parts the whole is divided into.

**Task 1**

What fraction of each shape has been shaded?



Answer the following questions about the shapes above:

a What part of a is unshaded?  $\frac{\quad}{\quad}$

b What fraction of e is unshaded?  $\frac{\quad}{\quad}$

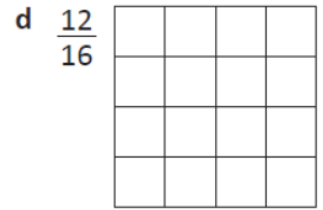
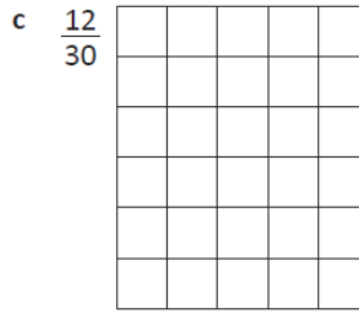
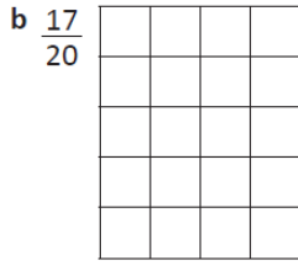
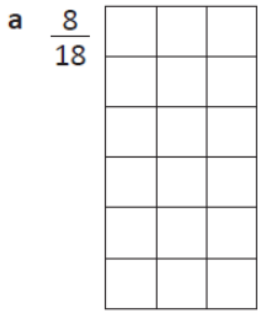
c In f, is more of the shape shaded or unshaded? \_\_\_\_\_

d What fraction of b is unshaded?  $\frac{\quad}{\quad}$

e Look at shape h. What can you say about the amount of shaded and unshaded parts?  
\_\_\_\_\_

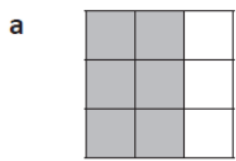
## Task 2

Shade the given fraction for each shape:

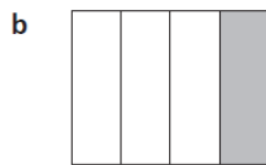


## Task 3

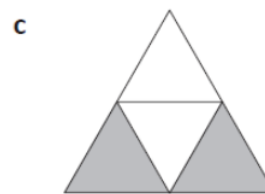
Are these statements true or false?



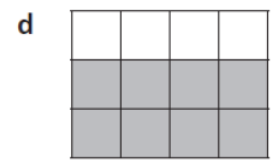
$\frac{6}{9}$  is shaded



$\frac{1}{4}$  is shaded



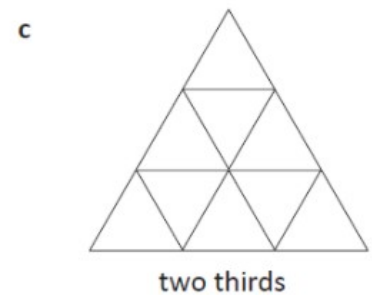
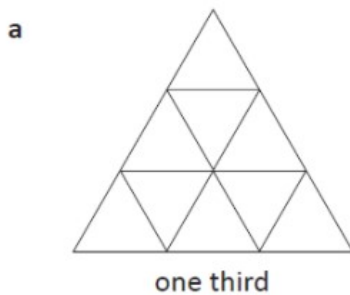
$\frac{1}{3}$  is shaded



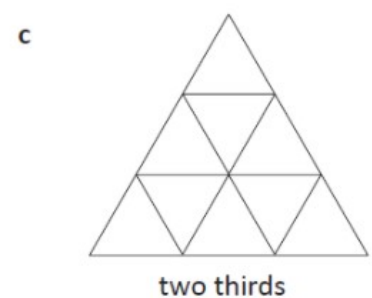
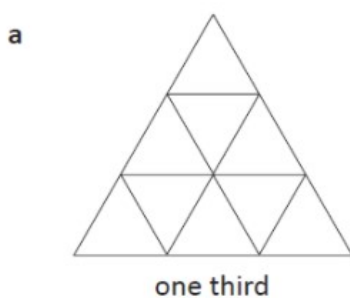
$\frac{7}{12}$  is shaded

## Task 4

Colour the shapes to show:



Now find another way to colour the shapes to show the same fraction:





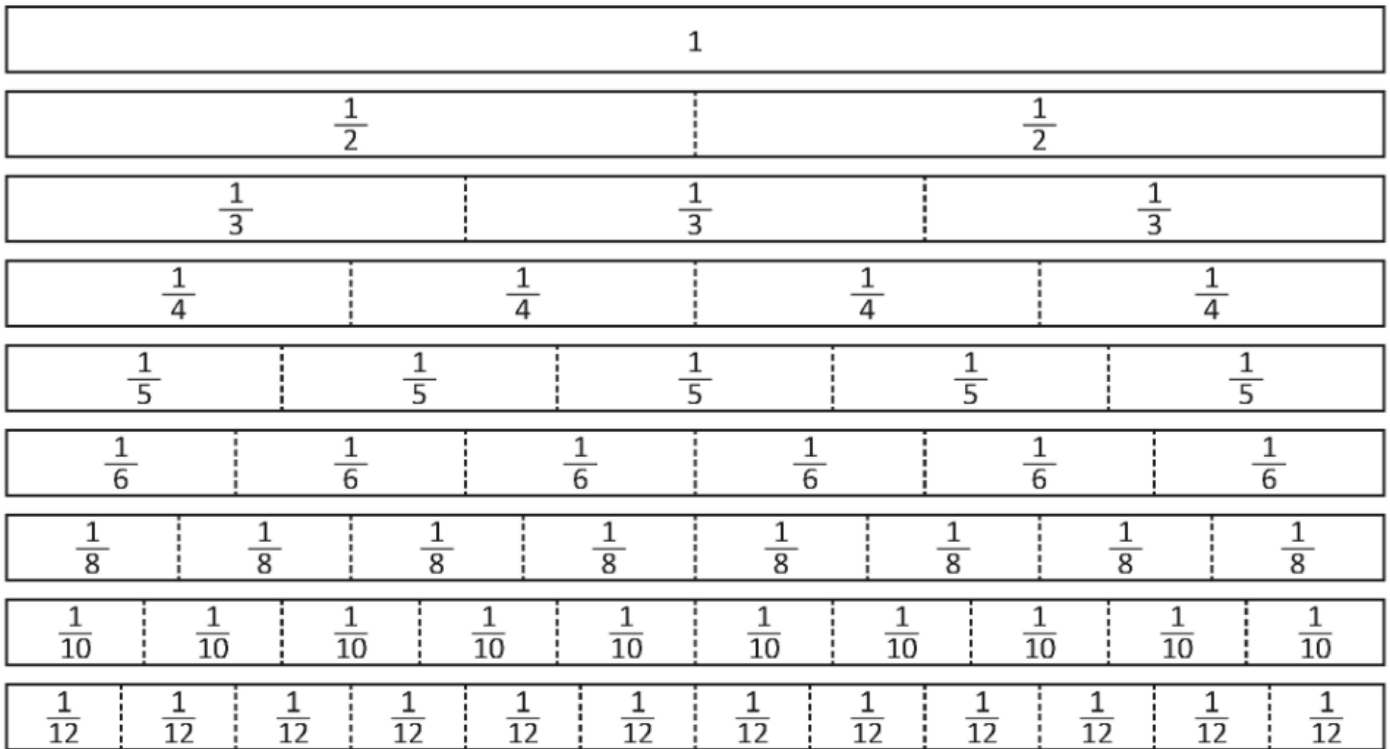
Maths - Thursday

Finding equivalent fractions

Group A

IXL Section for today is  
Section X

Task 1



Use the strips above to help you answer the following questions. Circle the correct answers:

- a Which is bigger?  $\frac{3}{4}$  or  $\frac{4}{8}$       b Which is smaller?  $\frac{2}{10}$  or  $\frac{2}{8}$       c Which is smaller?  $\frac{2}{4}$  or  $\frac{3}{12}$
- .....

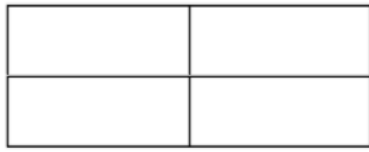
Use the fraction strips to:

- a Find 3 fractions that are the same as  $\frac{1}{2}$       b Find 2 fractions that are the same as  $\frac{1}{3}$       c Find the fraction that is greater than  $\frac{2}{3}$  but less than  $\frac{3}{4}$

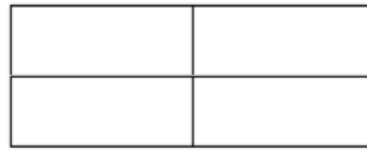



## Task 2

1. Shade  $\frac{1}{2}$  of this rectangle.

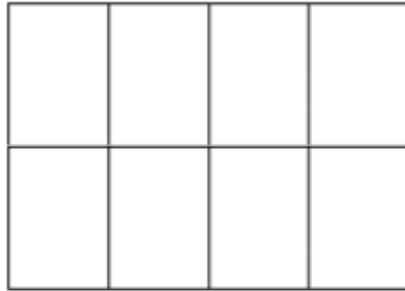


Shade  $\frac{2}{4}$  of this rectangle, making the same pattern.

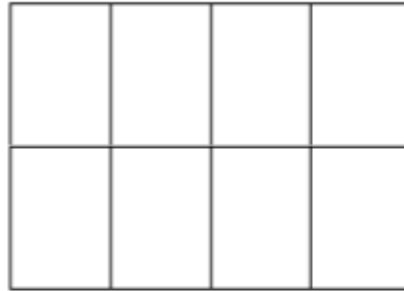


This shows that  $\frac{1}{2}$  and  $\frac{2}{4}$  are equivalent.

2. Shade  $\frac{3}{4}$  of this rectangle.

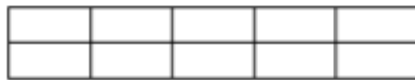


Shade  $\frac{6}{8}$  of this rectangle.

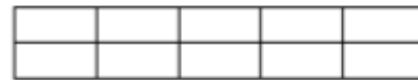


This shows that \_\_\_\_\_ and \_\_\_\_\_ are equivalent.

3. Shade  $\frac{4}{10}$  of this rectangle.



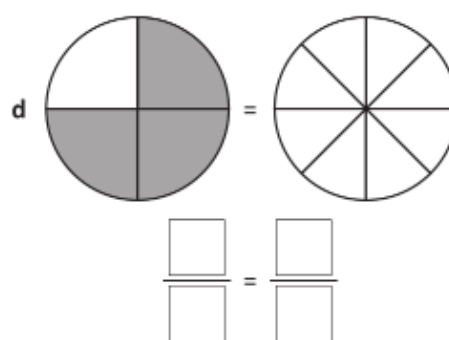
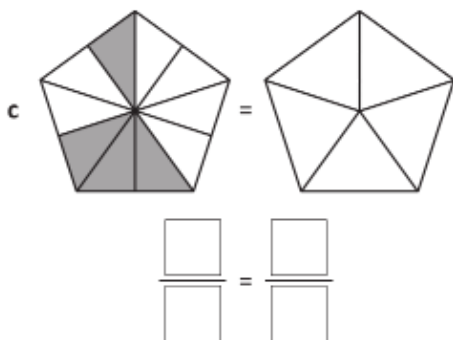
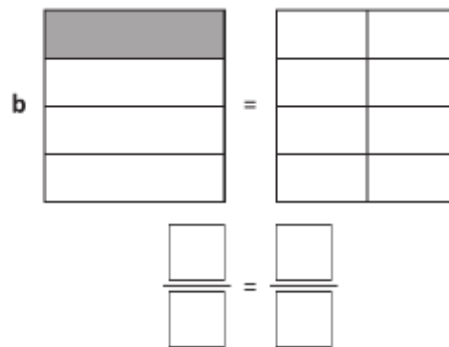
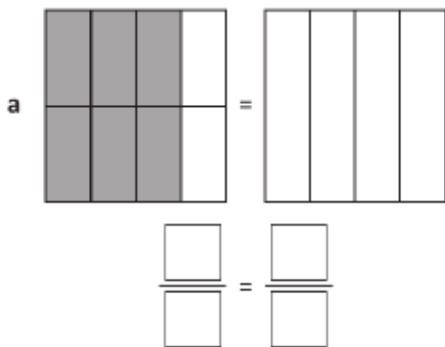
Shade  $\frac{2}{5}$  of this rectangle.



This shows that \_\_\_\_\_ and \_\_\_\_\_ are equivalent.

## Task 3

Shade and label these models to show equivalent fractions:



## Challenge

9a. Crystal says,



I think that  $\frac{2}{6}$  is  
equivalent to  $\frac{5}{12}$ .

Is she correct? Explain why.

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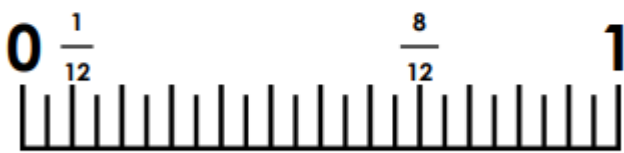
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8b.



Howie

I have to find equivalent  
fractions for the fractions  
on my number line, but  
each one has to have a  
different denominator.



Solve Howie's problem by finding  
equivalent fractions.



Maths - Friday

Comparing fractions

Group A

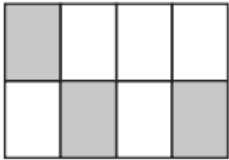
IXL Section for today is

Section W 19 OR

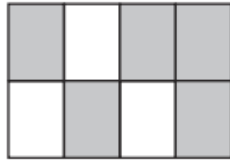
visit Fracnio's Pizzeria on Purple Mash

Task 1 — write the correct  $<$   $>$   $=$  symbol between the two fractions.

7.

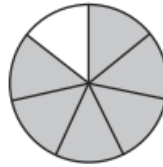


$\frac{3}{8}$

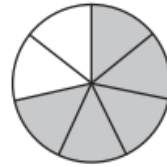


$\frac{5}{8}$

8.

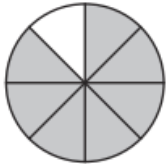


$\frac{6}{7}$



$\frac{5}{7}$

9.

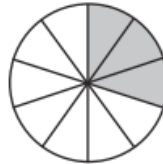


$\frac{7}{8}$



$\frac{1}{8}$

10.

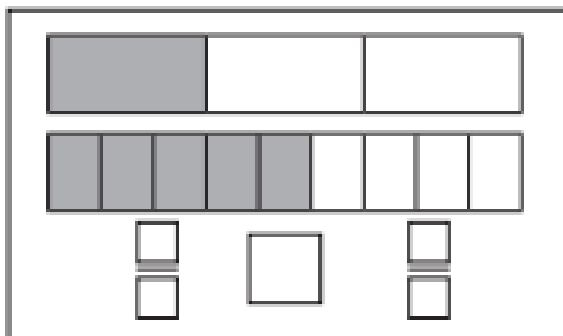
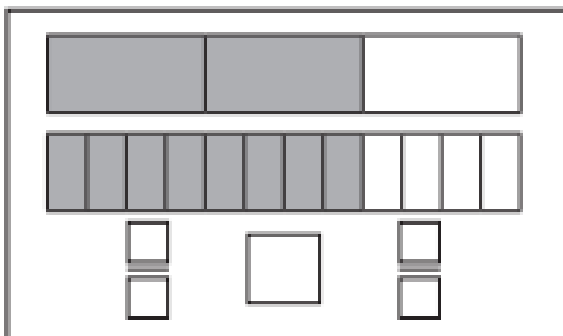
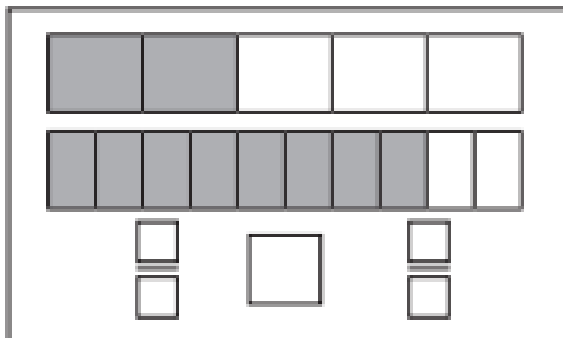
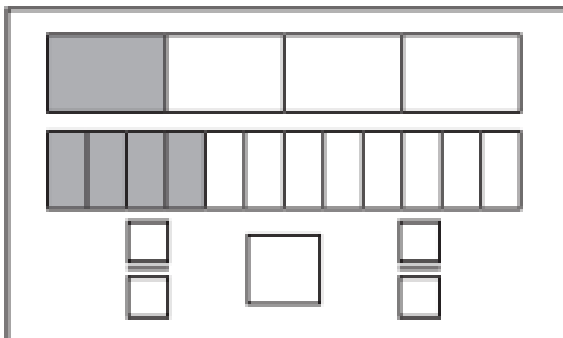


$\frac{3}{10}$















$\frac{1}{10}$

Task 2—write the fractions of the shaded sections in the boxes and use these to help you write the correct  $<$   $>$   $=$  symbol between the two fractions



Task 3—shade in the correct sections for each fraction and write the correct < > = symbol between the two fractions.

 $\frac{1}{4}$	 $\frac{1}{5}$	>
 $\frac{2}{4}$	 $\frac{6}{8}$	
 $\frac{1}{2}$	 $\frac{5}{8}$	
 $\frac{2}{3}$	 $\frac{2}{4}$	
 $\frac{2}{4}$	 $\frac{1}{2}$	
 $\frac{1}{3}$	 $\frac{3}{8}$	

Challenge! We can't use pictures for this one. But we can use our times table facts...

Use the symbols <, = or > to complete the following:

$\frac{3}{5}$		$\frac{12}{15}$	$\frac{2}{8}$		$\frac{4}{16}$
$\frac{2}{3}$		$\frac{4}{9}$	$\frac{2}{7}$		$\frac{14}{21}$
$\frac{1}{4}$		$\frac{4}{16}$	$\frac{2}{5}$		$\frac{6}{20}$