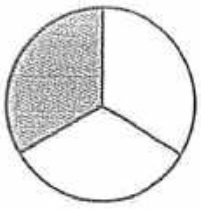
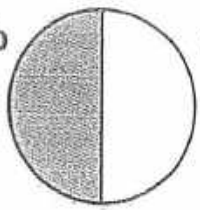
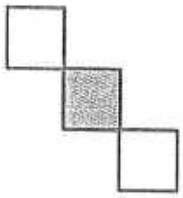
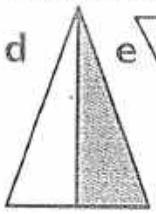
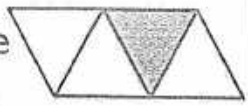
Name _____ Date _____

Fraction tiles

- Find unit fractions

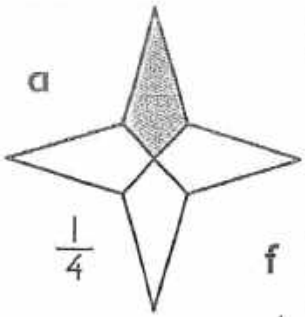
Write the fraction shaded, in words and numbers.

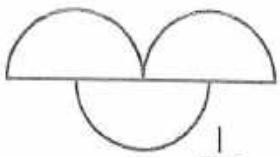
a  b  c  d  e 

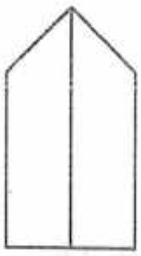
You need:
- colouring materials

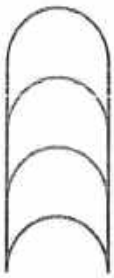
one third	$\frac{1}{3}$								

1 Colour the fraction shown.

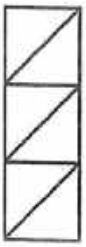
a 
$\frac{1}{4}$

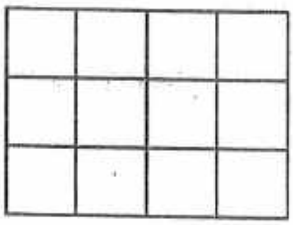
b 
$\frac{1}{3}$

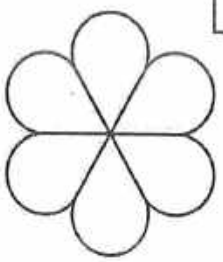
c 
$\frac{1}{2}$

d 
$\frac{1}{3}$

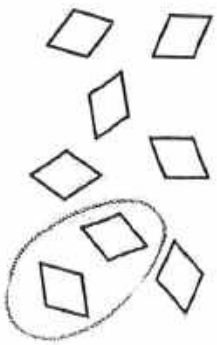
e 
$\frac{1}{4}$

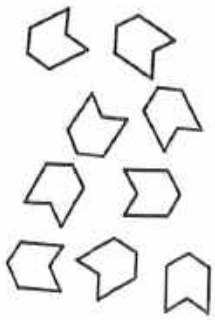
f 
$\frac{1}{2}$

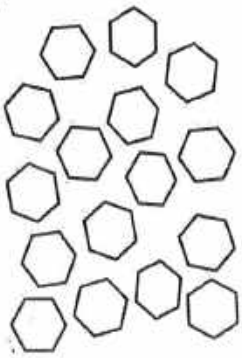
g 
$\frac{1}{4}$

h 
$\frac{1}{3}$

2 Circle the fraction of tiles shown and then fill in the box.

a 
$\frac{1}{4}$ $\frac{1}{4}$ of 8 is 2

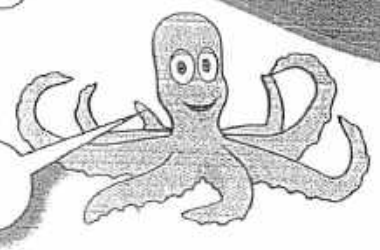
b 
$\frac{1}{3}$ _____

c 
$\frac{1}{2}$ _____

On the back of this sheet, draw a shape and colour $\frac{1}{2}$.
Repeat for these fractions: $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{3}$, $\frac{3}{4}$.

Name _____ Date _____

Cut out fractions



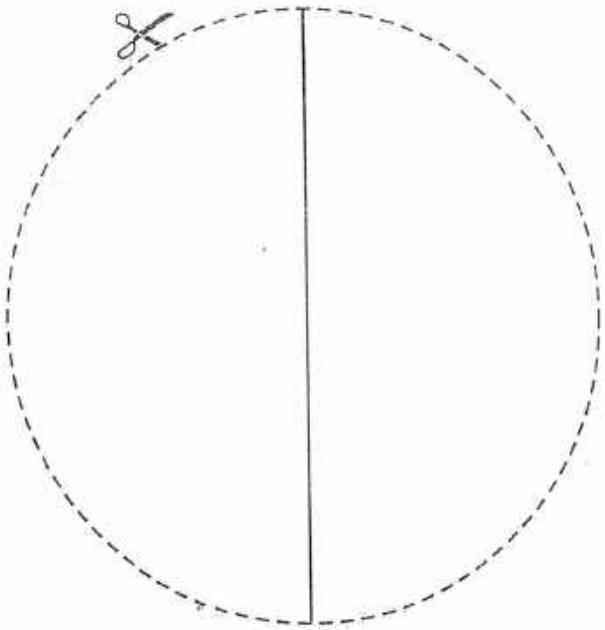
- Use diagrams to compare fractions and establish equivalents

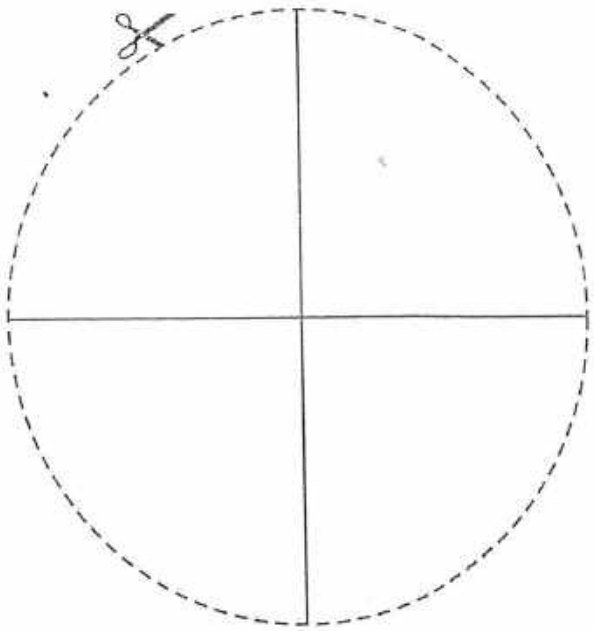
Cut out the circles and then cut them into their fraction pieces. How many new circles can you make?

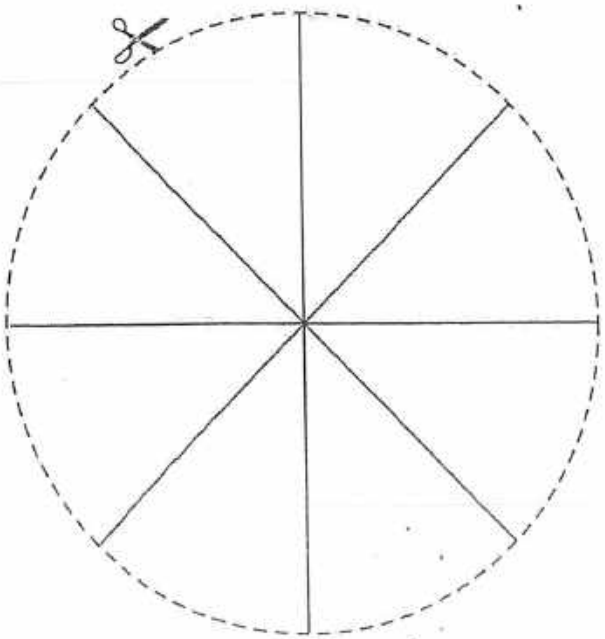
On a piece of paper, draw each of your circles and label the fractions you have used.

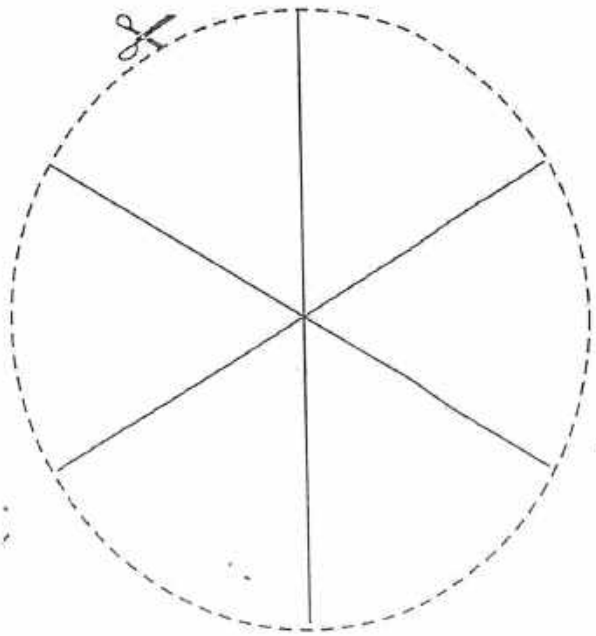
You need:

- scissors
- sheet of paper









Name _____ Date _____

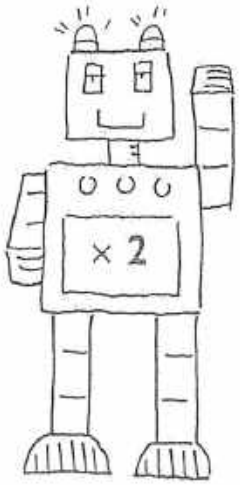
Multiplication machines

- Know the 2, 3, 5 and 10 times-tables

Follow the instructions on each machine. Fill in the missing numbers.

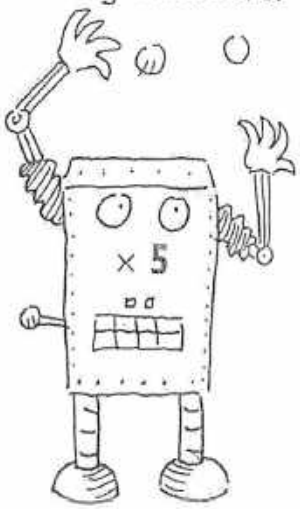
a

In	Out
5	
7	
10	
9	
4	



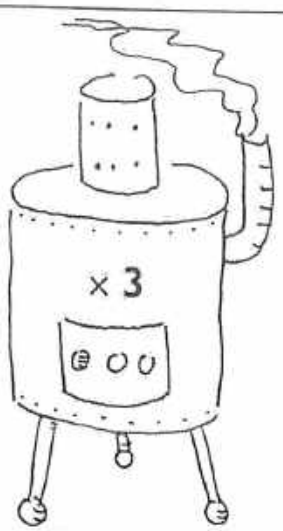
b

In	Out
8	
3	
6	
7	
9	



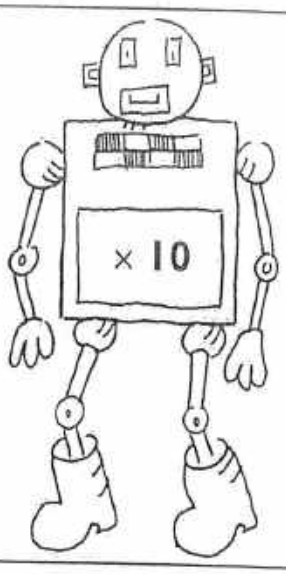
a

In	Out
5	
7	
10	
9	
4	



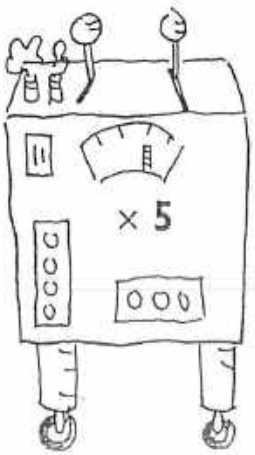
b

In	Out
3	
6	
1	
8	
0	



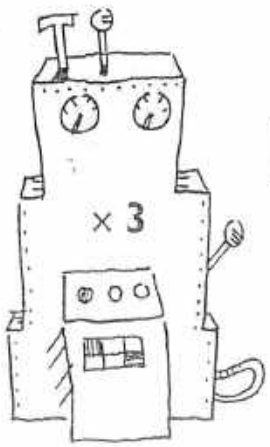
a

In	Out
7	
4	
2	
	25
	15



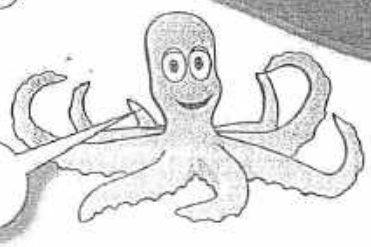
b

In	Out
	15
8	
	27
	18
	21



Name _____ Date _____

Knowing division facts



- Work out division facts corresponding to the 2, 3, 4, 5, 6 and 10 times tables

Write the answers to these division facts.

a

15 ÷ 5 = ☐

30 ÷ 6 = ☐

80 ÷ 10 = ☐

40 ÷ 5 = ☐

20 ÷ 2 = ☐

60 ÷ 10 = ☐

b

14 ÷ 2 = ☐

36 ÷ 6 = ☐

50 ÷ 5 = ☐

16 ÷ 2 = ☐

12 ÷ 3 = ☐

24 ÷ 4 = ☐

c

18 ÷ 6 = ☐

9 ÷ 3 = ☐

12 ÷ 4 = ☐

40 ÷ 4 = ☐

100 ÷ 10 = ☐

30 ÷ 3 = ☐

Read each word problem. Write a division number sentence for each problem and then write the answer.

a A square has 4 sides. The total length of the sides is 20 cm. What is the length of each side?

b Fairground rides cost £10 for 5 rides. How much does it cost per ride?

c Alex has made a pattern of 24 tiles. One tile in every 6 has a pattern. How many tiles have a pattern?

d How many sweets are left over if 16 sweets are shared equally into 3 bags?

e How many balls are left over if 33 balls are shared out equally between 5 teams?

Look at the division calculations in the ■ section. On the back of this sheet, write the related multiplication calculation for each division calculation.

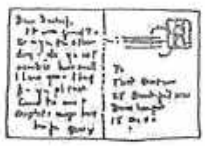
Name _____ Date _____

Which operation?

- Solve word problems in 'real life' and money, using one or more steps

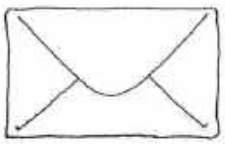
22p

stamps



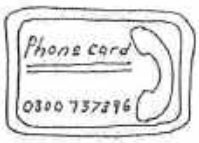
13p

postcards



2p

envelopes



£10

phonecards

1 Write in the circle the sign for the operation you will use.

2 Write the calculation necessary to answer the question.

3 Write the answer to the problem.

a John bought 4 stamps. How much did he spend? (×)

Calculation: _____

Answer: _____

b Mr Ali bought 35 phonecards. How much did he spend? ( )

Calculation: _____

Answer: _____

c Sylvia has 90p to spend. How many envelopes can she buy? ( )

Calculation: _____

Answer: _____

d The postman has delivered a box of envelopes. There are 450 inside. How much is the whole box worth? ( )

Calculation: _____

Answer: _____

e Sebastian has saved £450. How many phonecards can he buy? ( )

Calculation: _____

Answer: _____

f Seven people buy 5 phonecards each. How many phonecards are sold? ( )

Calculation: _____

Answer: _____

g Susan bought 4 rows of stamps. There were 12 stamps in each row. How many did she buy? ( )

Calculation: _____

Answer: _____

h Carol bought 3 postcards, 3 envelopes and 3 stamps. How much did she spend? ( )

Calculation: _____

Answer: _____

Name _____ Date _____

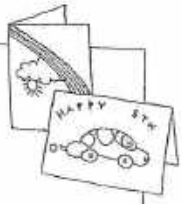
Problems at home

- Solve one-step and two-step problems involving numbers

Work out these word problems. Show all your working.

a I have 3 dogs. Each dog eats 4 tins of food a week. How many tins do I buy each week?

b Each twin received 18 birthday cards. How many did they receive altogether?



c I have grown 3 flowers. Each flower has 7 petals.
How many petals are there altogether?

a Dad cooked 24 cakes. His 3 children ate 5 cakes each. How many cakes were left?

b I invited 16 friends to my party. Half of them couldn't come. Mum made 4 sandwiches for each friend at the party. How many sandwiches did she make?

c Every week we eat 4 packets of crisps each. Mum buys 24 packets of crisps a week. How many people are in our family?

If I buy a bag of 50 sweets and I eat 3 a week, for how many weeks will I have 3 sweets? _____

How many more will I need for one more week? _____