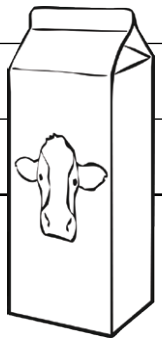
Twins

I can multiply and divide mentally using doubling and halving.

1) Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:

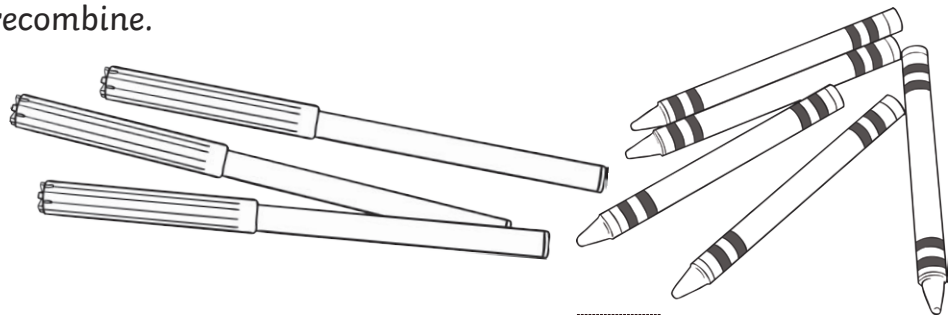
224g of rice	
355ml lemonade	
1288ml milk	
293g chicken	
1053ml soup	
5421g bread	



2) Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them equally.

5520 sweets	
£26 pocket money	
$4\frac{1}{2}$ mini pizzas	
524 crisps	
6248 rice pops	
11 slices of bread	

3) Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.



Twins **Answers**

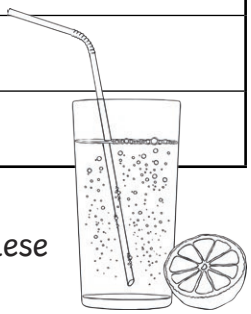
Question	Answer	
1.	Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:	
	224g of rice	**448g rice**
	355ml lemonade	**710ml lemonade**
	1288ml milk	**2576ml milk**
	293g chicken	**586g chicken**
	1053ml soup	**2106ml soup**
	5421g bread	**10 842g bread**
2.	Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them fairly.	
	5520 sweets	**2760 sweets**
	£26 pocket money	**£13 pocket money**
	$4\frac{1}{2}$ mini pizzas	**2¼ mini pizzas**
	524 crisps	**262 crisps**
	6248 rice pops	**3124 rice pops**
	11 slices of bread	**5 ½ slices of bread**
3.	Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.	
	Multiple answers possible.	

Twins

I can multiply and divide mentally using doubling and halving.

1) Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:

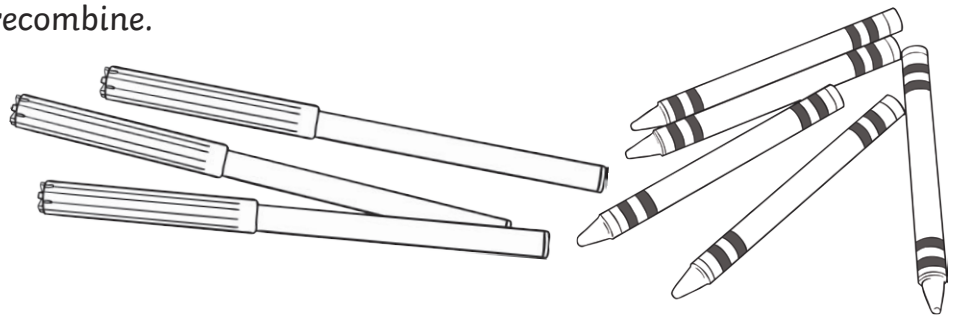
224.4g of rice	
355.6ml lemonade	
128.8ml milk	
290.3g chicken	
105.3ml soup	
542.1g bread	



2) Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them equally.

552 sweets	
£25.50 pocket money	
$4\frac{1}{2}$ mini pizzas	
59 crisps	
625 rice pops	
11 slices of bread	

3) Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.



Twins **Answers**

Question	Answer	
1.	Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:	
	224.4g of rice	**448.8g of rice**
	355.6ml lemonade	**711.2ml lemonade**
	128.8ml milk	**257.6ml milk**
	290.3g chicken	**580.6g chicken**
	105.3ml soup	**210.6ml soup**
	542.1g bread	**1084.2g bread**
2.	Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them fairly.	
	552 sweets	**276 sweets**
	£25.50 pocket money	**£12.75 pocket money**
	4 $\frac{1}{2}$ mini pizzas	**2 ¼ mini pizzas**
	59 crisps	**29 ½ crisps**
	625 rice pops	**312 ½ rice pops**
	11 slices of bread	**5 ½ slices of bread**
3.	Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.	
	Multiple answers possible.	

Twins

I can multiply and divide mentally using doubling and halving.

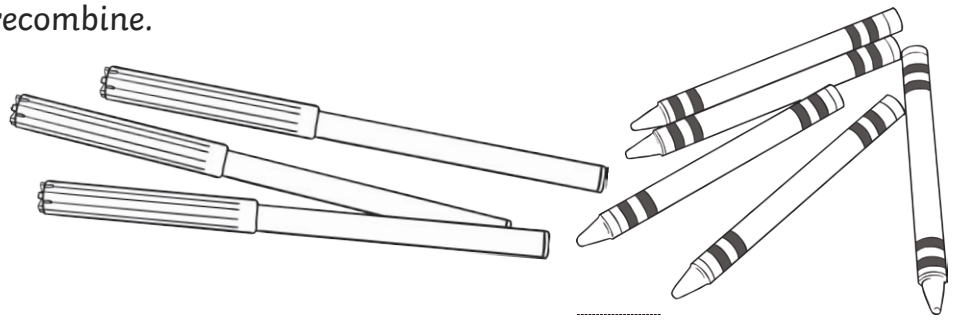
1) Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:

224.43g of rice	
355.62ml lemonade	
128.81ml milk	
290.37g chicken	
105.33ml soup	
542.13g bread	

2) Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them equally.

552 sweets	
£25.56 pocket money	
$4\frac{1}{4}$ mini pizzas	
593 crisps	
6258 rice pops	
$11\frac{1}{2}$ slices of bread	

3) Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.



Twins **Answers**

Question	Answer	
1.	Haruki and Tarou's mum has to buy double the amount of everything for her twins! Help her out by doubling each of the items on her shopping list:	
	224.43g of rice	**448.86g of rice**
	355.62ml lemonade	**711.24ml lemonade**
	128.81ml milk	**257.62ml milk**
	290.37g chicken	**580.74g chicken**
	105.33ml soup	**210.66ml soup**
	542.13g bread	**1084.26g bread**
2.	Haruki and Tarou are great at sharing things! Work out how many of these things they will get each if they share them fairly.	
	552 sweets	**276 sweets**
	£25.56 pocket money	**£12.78 pocket money**
	$4\frac{1}{4}$ mini pizzas	**2 1/8 mini pizzas**
	593 crisps	**296.5 crisps**
	6258 rice pops	**3129 rice pops**
	$11\frac{1}{2}$ slices of bread	**5 ¾ or 5.75 slices of bread**
3.	Design a poster to explain how to halve and double numbers using PCR - **p**artition, **c**alculate and **r**ecombine.	
	Multiple answers possible.	

I have...	Who has...?
0.5 metres	1500m

I have...	Who has...?
1.5km	1.7m

I have...	Who has...?
1700mm	3120 millimetres

I have...	Who has...?
3.12 metres	0.902 litres

I have...	Who has...?
902 millilitres	50cm

I have...	Who has...?
500mm	58m

I have...	Who has...?
5800cm	0.349 metres

I have...	Who has...?
349 millimetres	200 millilitres

I have...	Who has...?
0.2 litres	1.5l

I have...	Who has...?
1500ml	550cm

I have...	Who has...?
5.5m	5.999 metres

I have...	Who has...?
5999 millimetres	700mm

I have...	Who has...?
70cm	7550 millimetres

I have...	Who has...?
7.55 metres	65mm

I have...	Who has...?
6.5cm	0.067 metres

I have...	Who has...?
67 millimetres	6000 millilitres

I have...	Who has...?
6 litres	500g

I have...	Who has...?
0.5kg	0.09 litres

I have...	Who has...?
90 millilitres	1000g

I have...	Who has...?
1kg	0.599 litres

I have...	Who has...?
599 millilitres	0.478 metres

I have...	Who has...?
478 millimetres	7500g

I have...	Who has...?
7.5kg	600 millimetres

I have...	Who has...?
0.6 metres	3.5cm

I have...	Who has...?
35mm	5 millimetres

I have...	Who has...?
0.005 metres	1000ml

I have...	Who has...?
1l	20000 millimetres

I have...	Who has...?
20 metres	500 millimetres

Measure Match Loop Cards **Answers**

Question	Answer
500 millimetres	0.5 metres
1500m	1.5km
1.7m	1700mm
3120 millimetres	3.12 metres
0.902 litres	902 millilitres
50cm	500mm
58m	5800cm
0.349 metres	349 millimetres
200 millilitres	0.2 litres
1.5l	1500ml
550cm	5.5m
5.999 metres	5999 millimetres
700mm	70cm
7550 millimetres	7.55 metres
65mm	6.5cm
0.067 metres	67 millimetres
6000 millilitres	6 litres
500g	0.5kg
0.09 litres	90 millilitres
1000g	1kg
0.599 litres	599 millilitres
0.478 metres	478 millimetres
7500g	7.5kg
600 millimetres	0.6 metres
3.5cm	35mm
5 millimetres	0.005 metres
1000ml	1l
20000 millimetres	20 metres