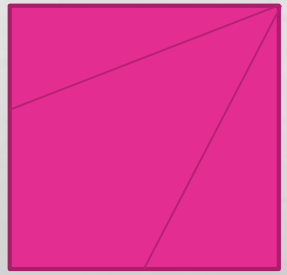
DR BAKER'S YEAR 3 MATHS
MONDAY 4TH MAY

WELCOME

“Good Morning. The answers to the arithmetic tests are on the next page so make sure you mark them first of all.

Then I have a problem for you to think about. If I draw a square and then draw lines from one vertex (corner) to the opposite two sides what shapes do I make? Does it depend where I draw the lines or is it always the same? What about if I draw lines from two vertices to the two opposite sides? What shapes have I got now? What about three sides? What if I start with another shape?



Perhaps you could send me some of your workings to see.

ARITHMETIC TEST ANSWERS

15	14
49	37
47	91
40	
30	
12	
16	
20	
7	
5	
48	
11	

1	**308**
2	**692**
3	**132**
4	**197**
5	**807**
6	**284**
7	**758**
8	**104**
9	**72**
10	**12**
11	**96**
12	**752**
13	**22**
14	$\frac{8}{12}$ or $\frac{2}{3}$
15	$\frac{2}{5}$

TASKS FOR TODAY

L.O. To convert units of mass

To convert units of mass we need to be able to multiply and divide by 1000 because:

There are 1000 grams in a kilogram.

This is another fact we need to remember so write it down in your book.

1000 is a big number but if you can multiply by 10 and 100, 1000 is actually easy – you just need to move one further in your place value system.

So 5 x 1000 = 5000.

Today we are going to practise converting between grams and kilograms.

These clips will help HTTPS://WWW.YOUTUBE.COM/WATCH?V=XEIN3DPP1PW HTTPS://WWW.YOUTUBE.COM/WATCH?V=VVNRVXWYKOG and HTTPS://WWW.YOUTUBE.COM/WATCH?V=IMQGSQLNDWO

SET A

1.	3	x	1000	=
2.	7	x	1000	=
3.	8	x	1000	=
4.	4	x	1000	=
5.	6	x	1000	=
6.	11	x	1000	=
7.	12	x	1000	=
8.	6	x	1000	=
9.	2	x	1000	=
10.	1.5	x	1000	=

Convert these masses into grams (g)

11.	4kg	=
12.	2kg	=
13.	5kg	=
14.	9kg	=
15.	1kg 300g	=
16.	2kg 500kg	=
17.	4kg 200g	=
18.	2kg 300g	=
19.	1kg 800g	=
20.	7kg 450g	=

SET B

1.	5	x	1000	=
2.	7	x	10000	=
3.	10	x	1000	=
4.	1.5	x	1000	=
5.	15	x	1000	=
6.	3000	÷	1000	=
7.	6000	÷	1000	=
8.	15000	÷	1000	=
9.	1500	÷	1000	=
10.	3750	÷	1000	=

11.	3kg	= g
12.	9kg	= g
13.	10kg	= g
14.	9kg 200g	= g
15.	8kg 500g	= g
16.	4kg 80g	= g
17.	2kg 300g	= g
18.	2000g	= kg
19.	1500g	= kg and g
20.	1800g	= kg and g

SET C

A) Convert between kilograms (kg) and grams (g).

1) 43 kg = _____ g

2) 5,000 g = _____ kg

3) 11,000 g = _____ kg

4) 62kg = _____ g

5) 89 kg = _____ g

6) 25,000 g = _____ kg

B) Complete the unit conversion table.

kilograms	3		19		77	
grams		6,000		32,000		90,000

C) Compare using <, >, or =.

1) 29,009 g ☐ 29 kg

2) 37 kg ☐ 37,000 g

3) 52 kg ☐ 52,756 g

4) 93,973 g ☐ 93 kg

5) 12,000 g ☐ 12 kg

6) 84 kg ☐ 84,212 g

7) 75 kg ☐ 74,100 g

8) 67,999 g ☐ 68 kg

D) Kevin weighs 32 kilograms. Express his weight in grams.

ANSWERS

Set A

1.	3000	11.	4000g
2.	7000	12.	2000g
3.	8000	13.	5000g
4.	4000	14.	9000g
5.	6000	15.	1300g
6.	11000	16.	2500g
7.	12000	17.	4200g
8.	6000	18.	2300g
9.	2000	19.	1800g
10.	1500	20.	7450g

Set B

1.	5000	11.	3000g
2.	7000	12.	9000g
3.	10000	13.	10000g
4.	1500	14.	9200g
5.	15000	15.	8500g
6.	3	16.	4080g
7.	6	17.	2300g
8.	15	18.	2kg
9.	1.5	19.	1kg 500g
10.	3.75	20.	1kg 800g

ANSWERS

SET C

1) 43 kg = **43,000** g

2) 5,000 g = **5** kg

3) 11,000 g = **11** kg

4) 62kg = **62,000** g

5) 89 kg = **89,000** g

6) 25,000 g = **25** kg

B) Complete the unit conversion table.

kilograms	3	**6**	19	**32**	77	**90**
grams	**3,000**	6,000	**19,000**	32,000	**77,000**	90,000

C) Compare using <, >, or =.

1) 29,009 g [>] 29 kg

2) 37 kg [=] 37,000 g

3) 52 kg [<] 52,756 g

4) 93,973 g [>] 93 kg

5) 12,000 g [=] 12 kg

6) 84 kg [<] 84,212 g

7) 75 kg [>] 74,100 g

8) 67,999 g [<] 68 kg

D) Kevin weighs 32 kilograms. Express his weight in grams.

32,000 grams

REMEMBER:

- Talk to someone on your network hand if you are worried about something.
- If nobody is listening to your worries or there is nobody to talk to, you can google Childline or call them on 08001111. Adults at Childline are used to talking to children with worries and can help you.
- If you feel unsafe at home or are worried that a friend is not safe, call Mrs Patchett on 07787261064.