DR BAKER'S YEAR 5 MATHS MONDAY 20TH APRIL

WELCOME TO THE SUMMER TERM

"Good Morning. I hope you had a lovely holiday. It was a little strange having to stay at home wasn't it? I enjoyed celebrating Easter with my family although we did it a little differently from usual."

First up today, problem questions. Work out the answers to all three if you can but if you can't just write down the sums for each and the answers for those you can work out.

Answers tomorrow.

A. One cinema ticket costs £9. What do six cinema tickets cost?

B. A shower uses 9.4 litres of water every minute. How much water is used in five minutes?

C. A carpet costs £17.90 per square metre. Debbie needs 26 square metres. How much will Debbie's carpet cost?

TASKS FOR TODAY

L.O. To order decimals.

We frequently struggle with ordering decimals. Today we are going to practise doing just that. If you can have a look at the explanation here:

https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-comparing-decimals/v/ordering-decimals-example

Watch Ordering Decimals 1 and 2 and then do the Practice: Order Decimals section.

If you can't see the video or you need more help read the instructions on the next slide:

HELPFUL HINTS

One way to order decimals is to write your decimals on top of each other with the decimal point lined up. Then compare digits:

Example

Put these decimals in order from lowest to highest: 4.468   4.6   4.62   4.461

Look at the first digit – all the same so go to the next one	Look at the second digit – the two 4s are the smallest so now look at those	Look at the third digit – the same so go to the next one	Look at the fourth digit – the 1 is smaller so the order is 4.461, 4.468	Now return to the other two and look at the third digit on these – one only has two digits so this is the smallest so their order is 4.6, 4.62
4.468	4.468	4.468	4.468	
4.6	4.6			4.6
4.62	4.62			4.62
4.461	4.461	4.461	4.461	

Therefore the order is 4.461, 4.468, 4.6, 4.62

TASKS FOR TODAY

Those of you with Number Textbook 1

Do Page 67 Q1 – 12 and Page 68

Everyone Else

Questions on the next slide

$2 > -3$

$0.999... = 1$

∞

$+$

$-$

$\times$

$\div$

$\pi \approx 3.14$

5^2

$\sqrt{2}$

$1 + 2 \cdot 3$

$(1 - 2) + 3$

$5(2 + 2)$

$101_2 = 5_{10}$

1. Compare these numbers using < or >.

a) 12.432   12.234

b) 0.12   0.20

c) 1.18   2.18

d) 5.66   6.05

e) 7.8   7.18

f) 9.88   8.99

g) 1.13   1.3

2. Order these numbers in **ascending** order.

a) 2.12, 2.22, 1.03, 1.30

b) 0.75, 0.50, 1.75, 0.55

c) 3.73, 13.73, 3.37, 13.37

d) 55.55, 55.44, 55.51, 55.15

3. Put these weights in order from smallest to largest (you will need to convert some of them).

a) 0.988kg, 0.99kg, 986g, 0.994kg, 992g

b)   3.007kg, 3016g, 3.019kg, 3.01kg, 3013g

c) 1965g, 1.985kg, 1975g, 1.97kg, 1980g

d) 2.55kg, 2.225kg, 2522g, 2.25kg, 2.525g

ANSWERS TO NUMBER 1

Page 67

1. <   7. <

2. >   8. <

3. >   9. <

4. <   10. <

5. >   11. <

6. <   12. <

Page 68

1. Emile   6. Zoe

2. Anu   7. Jon

3. Katy   8. Amar

4. Dev   9. Sam

5. Ashley   10. Tara

1. C   7. H

2. G   8. D

3. A

4. E

5. F

6. B

ANSWERS TO SLIDES

1. a) >   f) >

b) <   g) <

c) <

d) <

e) >

2 a) 1.03, 1.30, 2.12, 2.22

b) 0.50, 0.55, 0.75, 1.75

c) 3.37, 3.73, 13.37, 13.73

d) 55.15, 55.44, 55.51, 55.55

3a) 986g, 0.988kg, 0.99kg, 992g, 0.994kg

b) 3.007kg, 3.01kg, 3013g, 3016g, 3.019kg

c) 1965g, 1.97kg, 1975g, 1980g, 1.985kg

d) 2.525g, 2.225kg, 2.25kg, 2522g, 2.55kg

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.