Monday 6th July 2020 Y4 Maths

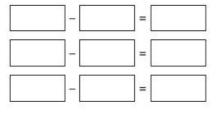
Hello Y4s, I hope you have had a lovely weekend. Here is your maths for today. Follow the link https://vimeo.com/430335306 and watch the teaching video **'Estimating answers'** and try the questions below.

Estimate answers	Maths	b)	Use c	_		tract	ion to work out the actual answer.	Remember- Estimating is a
 Filip is working out 607 + 395 He rounds his numbers to the nearest hundred to estimate the answer. a) Complete the sentences. 607 rounded to the nearest hundred is			79	1 5 – 5 istake	ites 03	Dore	The actual answer is traction on the board. I estimate the answer will be close to 200 because 700 - 500 = 200	very useful skill to develop - it helps you to spot careless errors when your answer, after using a calculation method, is much larger or smaller than your estimated answer.
 Alex is working out 7,958 – 6,103 Alex rounds her numbers to the nearest thousand to estimate the answer. a) Complete the sentences. 7,958 rounded to the nearest thousand is 6,103 rounded to the nearest thousand is Alex's estimate is 		(4)	His es	timat	e is a pos	3,000	n addition calculation. + 1,000 = 4,000 additions Tom could be estimating. = = = =	Challenge on last page
- =							© White Rose Maths 20	19

b) Dani is estimating a subtraction calculation.

Her estimate is f600 - f100 = f500

Write three possible subtractions Dani could be estimating.





Complete the table. Show your workings.

Question	Estimated answer	Accurate answer
3,970 km – 1,850 km		
7,076 – 852		
7,076 – 652		
1,994 ml + 1,994 ml		

Whitney and Dexter are estimating the answer to 2,706 - 1,394
 Whitney's estimate is 3,000 - 1,000 = 2,000
 Dexter's estimate is 2,700 - 1,400 = 1,300
 Whose estimate is more accurate? Why?



1,172 more trees are planted.

 a) Use rounding to estimate the number of trees in the forest now.

b) Work out the actual number of trees in the forest.

c) How accurate was your estimate?

Challenge – you will need to find someone at home to play this with you.

Four Go

Age 7 to 11 ★

Draw a number line on a piece of paper, marked from 0 to 20, like this:

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

÷

X

(You could print off <u>this sheet</u> which has several number lines drawn on it.)

This challenge is a game for two players. The first player chooses two numbers in this grid and either multiplies or divides them.

100	25	5	
10	2	36	
12	4	3	

He or she then marks the answer to the calculation on the number line. The second player then chooses two numbers and either multiplies or divides them and marks that number in a different colour on the number line.

If the answer is too big or too small to be marked on the number line, the player misses a go.

The winner is the player to get four marks in a row with none of their opponent's marks in between.

Good luck

b) Use column subtract	7 9 5 8 - 6 1 0 3 1 8 5 5 1 8 5 5 1 8 5 5 1 8 5 5 1 8 5 5 1 8 5 5 1 8 5 5 1 8 5 5	The number of t	e Write Rise Motts 2019
Estimate answers	 Fillp is working out 607 + 395 He rounds his numbers to the nearest hundred to estimate the answer. 	 a) Complete the sentences. 607 rounded to the nearest hundred is 600 395 rounded to the nearest hundred is 400 Filip's estimate for the answer is 600 + 1000 Filip's estimate for the answer is 1000 b) Use column addition to work out the actual answer. b) Use column addition to work out the actual answer. b) Use column addition to work out the actual answer. c) Alex is working out 7,958 - 6,103 Alex is working out 7,958 - 6,103 Alex rounds her numbers to the nearest thousand to estimate the answer. c) Complete the sentence. c) Complete the nearest thousand is 6,000 f) Alex's estimate is 	

Whitney and Dexter are estimating the answer to 2,706 – 1,394 Whitney's estimate is 3,000 - 1,000 = 2,0003,810 3,800 a) Use rounding to estimate the number of trees in the forest now. b) Work out the actual number of trees in the forest. Dexter's estimate is 2,700 - 1,400 = 1,300Whose estimate is more accurate? Why? c) How accurate was your estimate? 1,172 more trees are planted. 3 A forest has 2,638 trees. 8 0 • Estimated answer Accurate answer Write three possible subtractions Dani could be estimating. 2,120 km 3,988mL 6,224 6,424 b) Dani is estimating a subtraction calculation. Complete the table. Show your workings. 1,000~1 2,000lun و'000 Her estimate is f600 - f100 = f5006,000 £130 = £519 = E478 E601 - E107 = E104

3,970 km – 1,850 km

Question

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7,076 - 852

7,076 – 652

1,994 ml + 1,994 ml

672

I E 550

- 649

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