

Year 6 Maths Homework

Date Set: 16/9/18

Date Due: 23/9/18

WALT: Round any number to a required degree of accuracy

1)

Round the following numbers to the nearest 100:		Round the following numbers to the nearest tenth:	
	Rounded	0.56	0.73
316		0.234	0.85
3162		0.23	0.56
31628		0.12	0.34
316281		0.9999	0.456
Round the following numbers to the nearest 10:		Round the following to the nearest whole number:	
	Rounded	2.4	2.7
14		6.78	5.6
129		1.23	3.4
2345		7.7	6.2
8918		4.9	8.7

2) Complete the table

	Nearest tenth	Nearest 100
3,423.49		
4,833.20		
5,994.67		

3) Fred says, "If I round 26.63 to the nearest 10, I do not need to look at the tenths or hundredths"

Do you agree? Explain your reasoning.

4) Spot the mistake! Calvin rounded 215,678 to the nearest ten thousand and wrote 220,678. Can you explain to Calvin what mistake he has made and why he has done it?

5) Dong Nao Jin Challenge Question:

Two numbers each with two decimal places round to 41.3 to one decimal place. The total of the numbers is 82.6

What could the numbers be? How many different ways can you find?