Fractions Decimals and Percentages (F)

Pre-Intervention Assessment

Name: _____

Class: _____

Date: _____

Question	Objective	RAG
1	Convert between fractions, decimals and percentages	
2	Calculate (+, -, x, ÷) with fractions	
3	Calculate a fraction of an amount	
4	Calculate a percentage of an amount	
5	Increase and decrease by a given percentage	
6	Calculate with compound interest and depreciation	

1. Write 0.8 as a percentage.

.... %

2. (a) Work out $\dfrac{2}{7} + \dfrac{1}{5}$

....

(b) Work out $1\dfrac{2}{3} \div \dfrac{3}{4}$

....

3. Sam has £480

He spends ¼ of the £480

Work out how much money Sam has left.

....

4. There are 210 counters in a bag. 30% of these counters are red.

Work out the number of red counters in the bag.

....

5. A ticket to a theme park costs £35 plus 20% VAT.

Work out the total cost of the ticket.

....

6. Helen invested £6000 for n years in a savings account.
She got 3% compound interest each year.

At the end of n years Helen had £7379.24 in her savings account.

Work out the value of n.
You must show your working.

....

[Glue here]