

SOLVING PROBLEMS

Name:

Assessment Criteria: Solve problems with or without a calculator

1. The multi-storey car park in Hereford has 8 levels and 40 cars can park on each level. How many cars can park there?

2. In a Year 7 class of 32 pupils, $\frac{3}{4}$ of them have pets. Of these, 11 have a dog. How many of the pupils have other kinds of pet?

3. This recipe is for 4 people for Yorkshire pudding requires the following:

100g flour, pinch of salt, 1 beaten egg, 300ml milk, 25g lard or butter

What quantities would be needed for 12 people?

_____ flour

_____ salt

_____ beaten egg

_____ milk

_____ lard or butter

4. In the sale I bought these clothes at $\frac{1}{2}$ price:

Jeans £14, T-Shirt £6.50, Socks £2.75, Boxers £3.95

How much was the original price of each item?

Jeans: £_____

T-Shirt: £_____

Socks: £_____

Boxers: £_____

5. A train leaves Hereford Station at 12.58 and arrives at Cardiff Central at 14.10. Emma thinks that the journey has taken 1.52 hours. Is she right? Explain your answer.

6. A full jug holds 2 litres of lemonade. A full glass holds $\frac{1}{4}$ litre. How many glasses will the jug fill? Show how you worked out your answer.

Overall, I think my success level is:

Low High

Q	SOLVING PROBLEMS	😊	☹️
	I can interpret word problems		
	I can choose when it is appropriate to use a calculator		
	I can solve word problems		
	<i>I can use my own strategies in applying mathematics to practical contexts</i>		

I need to practise ...