Assessment Yr 11   -   CALCULATORS CAN BE USED

Name : _____

1.   By rounding each number, estimate the answer to 9.8 x 4.1

        Answer _____   (2 marks)

2.   Calculate 52^2 _____   (1 mark)

3.   Write 7.8652 to two decimal places _____   (1 mark)

4.   Circle the decimal with the same value as $\frac{3}{5}$

                0.06   0.35   0.53   0.6   (1 mark)

5.   Write 0.6 as a percentage   _____   (1 mark)

6.   Work out 25% of 76   _____

                                                                                            (1 mark)

7.   Increase 250 by 30%   _____

                                                                                            (3 marks)

8. Write $\frac{7}{20}$ as a percentage _____ (3 marks)

9. Zach gets £23.80 in tips from guests.

He keeps 85% of this money.

He gives the rest to Vikki.

How much money does he give to Vikki (3 marks)

10. Tickets to the concert will cost £55.

There is an early booking discount of 20%

Work out the total cost of 3 tickets using the early booking discount.

(4 marks)

11. Carly makes a drink by mixing orange juice and water in the ratio 1: 6. She uses 2 litres of orange juice. How many litres of the drink does she make?

(2 marks)

12. Here is the price list for food and drink at the concert

Food		Drink	
Burger	£4.45	Coffee	£2.95
Hot dog	£3.95	Tea	£1.95
Pizza	£5.45	Cola	£2.35
Crisps	90p		

Ian has a student discount card.

He gets 15% discount on the food and drink

Ian has £6.20.

Does he have enough money to buy a hot dog, crisps and a cola?   (4 marks)

Show workings

13. Megan is shopping for a new speaker for her dance studio. She sees offers in two shops for the speakers. Which is the cheapest deal?   (5 marks)

G Tone Music Shop
Speaker
Usual price £129
Special offer
$\frac{1}{3}$ off

Oma's Music Store
Speaker
Usual price £112
Special offer
25% off

14. Sandra is shopping for items of school uniform for her children Fred and Beth.

The shopping list below shows the prices of the items Sandra needs to buy.

Fred	Beth
2 school jumpers - £17.50 each	2 packs white shirts - £11.99 per pack
3 grey trousers - £10.75 each	2 skirts - £9.50 each
1 sports polo shirt - £14	1 sports polo shirt - £14.50
1 pack white shirts - £12.95 per pack	1 sports skort - £9
School shoes - £45	1 rugby shirt - £22.95
	School shoes - £38

Fred says "The total cost of my uniform is lower than Beth's" Is Fred correct?

You must show your working.

15. Work out $9 + 12 \div 6 =$

16. Convert 3000g into Kg

17. Convert 1.57m to cm