No Calculators permitted, all working needs to be shown.

Essential knowledge:

1. Calculate: (a) 306.5 - 214.78

(b) 3.14 x 9

(c) $3400 \div 8$

2. Use BIDMAS to calculate: (a) 6.2 - (4.53 - 1.1)

(b) $3.8 - (7.36 \div 8)$

(c) 7.18 - 2.1 x 3

(d) $5.04 + 8.4 \div 7$

3. Calculate: (a) 846 ÷ 30

(b) 7.4 x 40

(c) $2.4 + 5.46 \div 60$

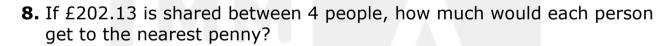
4. Calculate: (a) 16 X 12

(b) $759 \div 23$

(c) 12.5×0.6

Unit level:

- 5. Round 54.45822 to 3 decimal places
- 6. Round 3.141529 to 2 decimal places
- 7. Round 373 to 1 significant figure



9. Round £6391.81 to 2 significant figures.

Assessment level:

- 10. A 330ml can of coke costs 66p. What is the cost per millilitre?
- **11.** John buys 500 shares worth £1.1949 each. How much does this cost him?
- **12.** A roll of fishing line is 105 metres long. How many 1.2 metre pieces can be cut from it?
- **13.** Ann changes £425 to euros. She gets €1.20 for every pound. How many euros did Ann get?