

No Calculators permitted, all working needs to be shown.**Essential knowledge:**

1. Calculate: (a) $306.5 - 214.78$ (b) 3.14×9 (c) $3400 \div 8$
2. Use BIDMAS to calculate: (a) $6.2 - (4.53 - 1.1)$
(b) $3.8 - (7.36 \div 8)$
(c) $7.18 - 2.1 \times 3$
(d) $5.04 + 8.4 \div 7$
3. Calculate: (a) $846 \div 30$ (b) 7.4×40 (c) $2.4 + 5.46 \div 60$
4. Calculate: (a) 16×12 (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
8. If £202.13 is shared between 4 people, how much would each person get to the nearest penny?
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?